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#### WARNING

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61, CHIEF ORR GEOGRAPHIC AREA

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Bt/I/RR

30 June 1961

ATHT

Ch/G/RR

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Comments on Correspondence Between United States Bureau of Reclamation and the Leningrad Polytechnical Institute

While the attached letter is not of particular interest to the Geographic Research Area it is felt that this type of correspondence has potential value to us. It is requested that copies of similar correspondence be routed to us for our information.

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SA/Ch/G/RR

:mmk/8887 25X1A

This document is part of an integrated file. It separated from the file it much be subjected to individual systematic review.

OAD/RR

22 June 1961

Ch/G/RR

Comments on Attached Employee Suggestion No. 61-463

- 1. Few, if any, analysts in the Geographic Research Area ever file the briefs referred to in this employee suggestion without the accompanying article.
- 2. It is the consensus of opinion in the GRA that the adoption of this employee suggestion would probably be useful to analysts who might file these briefs alone. However, its adoption would not materially benefit the analysts in GRA nor would its rejection handicap them in any way.

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Ch/G/RR: mmk/8887

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Chief, Administrative Staff, ORR

22 June 1961

Chief, Geographic Research, CRR

Attendance at Professional Meetings by GRA Personnel, FY 1962

			1	Duty Status
Organisation	Location		ull Agency	w/o reimburse- ment for travel
Pacific Science Congress	Honolulu, Hawaii	August 1961 (15 days)	3	0
Association of American Geographers	E. Lansing, Michigan	28 Aug - 1 Sep 1961	8	13
8th National Conference, U.S. Mational Commis- sion for UNESCO	Boston, Mass.	22-26 Oct 1961	1	0
Seminar in Graphics - (Tecnifax Corp.)	Holyoke, Mass.	Fall 1961 and Spring 1962 (3 days each)	1 1	o
Symposium on Geodesy	Columbus,	Fall 1961 (3 days)	2	0
Caribbean Conference	Florida	December 1961 (8 days)	1	o
USAF Symposium on Geodesy	Orlando, Florida	Probably in January 1966 (4 days)	1	, • <b>0</b>
Association for Asian Studies	Boston,	1-5 April 196	2 5	<b>O</b>
Association of American Geographers	Miami, Florida	April 1962 (5 days)	8	9
American Congress for Surveying and Mapping	Washington, D. C.	Spring 1962	0	15
Middle East Institute	Washington, B. C.	Spring 1962	0	1
>soial Libraries - Association	Washington, D. C.	May 1962 (3 or 4 day	O (18)	2

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RIBJECT: Attendance at Professional Meetings by GRA Personnel, FY 1962

Organisation	Location	Dates	Full Agency Sponsorship	Duty Status w/o reimburse- ment for travel
International Design Conference	Aspen, Colorado	June 1962	1	0
African Studies Association	Fastern U.S. (city unknown)	Date unknown (4 days)	l4	. <b>°</b>
American Association for the Advancement of Slavie Studies*	U.S. (eity unknown)	Date unknown	4	O
Institute of Navigation	Western U.S. (city unknown)	Date unknown (5 days)	1	<b>o</b>

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## \*Listed in budget submittel as Association of Eastern European Affairs

Distribution:

O&1 -- Addressee

1 -- Ch/D/GG

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ORR:Ch/G:JAB:jmc/4797(20 June 1961)

MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MEETING, 20 JUNE 1961

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PRESENT:

#### Investigators in ORR 1.

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announced that two people from the GAO (Mr. Keithline and Mr. Williams) are conducting an investigation of substantive activities of CIA. They have been sent by the Kilday Subcommittee of the Armed Forces Committee. They arrived in ORR yesterday, and will be with us anywhere from 6 weeks to 3 or 4 months. No information is to be given them related to Unvouchered Funds or clandestine operations, and are fully aware of this limitation upon their investigation.

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The following are examples of things not to be discussed: Area purchase of maps overseas by GRA familiarization trips; the AD's entertainment travelers:

It is OK to discuss the following: East-West Exchange program (but

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fund for foreign visitors;

do not discuss

details of DD/P; specifics on areas studied.

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foreign liaison officers here; personnel training programs; our support 25X1C of the Geneva Test Ban talks; contributions to the Laos treaty effort; Highly desirable that this be discussed. Correspondence showing 25X1C appointment of members should be available in D/GL. Also, papers showing the basis for the establishment of the Committee.

> Messrs. Keithline and Williams are cleared for SI and can be shown examples of finished SI reports. However, they are not to be shown the raw intelligence.

They seem most interested in studying the effectiveness of management: project controls, budgeting, programming.

Nothing is to be given to them direct. All material is to go to OAD/RR to be passed on to them (through the division chief and Chief/G). A record is to be kept of all questions asked. They will be consolidated at the end of the investigation to submit through the AD/RR.

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2. D/GL Support of Russian Collation Project

commented on the extra load being placed on Reference Branch to support the Russian Collation Project, presently amounting to the expenditure of approximately 1/3 of one man's time and asked what could be expected in the future.

The project of the future of the future of one man.

## 3. New Research Division in CBI

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of the new research division in OBI. The vacancy notice publishing these jobs lists 5 GS-15's; 13 GS-14's; 20 GS-13's; 23 GS-12's; and 24 GS-11's.

## Approved For Release 2000/08/16 : CIA-RDP80-00531A000100010001-1

ATTN :	Administrative Staff,	CIRIR	15 June 1961
ALLM ;	O/Ch/G		
STATINTL	Vacation Plans of GRA	Key Personnel	
		STATINTL	
	0/Ch/G		
	• •	********	3 - 14 July (Indefinite) No plans at present
STATINTL	D/GL		so plans at present
	****	*******	16 - 27 June
STATINTL	D/GC	***************	···· 3 - 7 July
	* * * *	*********	17 - 21 July 26 June - 15 July
	D/GC		···· Lo dune - 1) sury
			No plans at present
STATINTL			Leaving on Mr abatip

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## Approved For Release 2000/08/16: CIA-RDP80-00531A00010001-1

1.5 JUN 1961

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MEMORANDUM FOR: Assistant Director for Research and Reports

THROUGH:

Chief, Geographic Research

SUBJECT:

Geography Division Support of DD/P

#### 1. Problem

To determine the appropriate role of Geography Division in supporting covert limited warfare programs.

#### 2. Definition

"Covert limited warfare" (CIW) is the planning and conduct of covert operations in the fields of black propaganda, political and economic warfare, deception, preventive direct action, sabotage and anti-sabotage, subversion, and resistence and guerilla movements. The operations supplements are coordinated with U. S. overt foreign and military policy, and are so planned and conducted that U. S. responsibility can be plausibly denied.

## 3. Facts bearing on the problem

a. The conduct of covert limited variare is the responsibility of the CIA; the action unit in CIA is the DD/P.

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b. The Geography Division, ORR, is charged, among other duties, with fulfilling "intelligence requirements of the CIA and/or other departments and agencies of the government for special geographic studies in the fields of clandestine operations, unconventional warfare, targeting, territorial problems, and map appraisal".

d. Covert limited warfare has recently been emphasized as a major tool in the implementation of foreign policy, with accompanying build-up of personnel and formulation of priority country and regional programs.

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SUBJECT: Geography Division Support of DD/P

### 4. Discussion

#### a. General

The role of Geography Division in supporting the clandestine services has never been satisfactorily established. There is no agreement within the DD/I as to the proper apportionment of resources to this activity, nor has there been systematic utilization by the DD/P of DD/I geographic research capabilities. The Geography Division has, ever the years, provided environmental intelligence support to the DD/P that covered virtually the entire span of CLW. It is not clear, however, that this effort has fulfilled the appropriate needs or even the critical needs. The current emphasis on CLW indicates a need to assure that the geographic research effort is applied where and to the degree that it counts. Basically, the problem consists in a lack of guidance as to the over-all DD/I role in supporting Agency covert limited warfare obligations. More directly, it consists in establishing a systematic relationship of Geography Division to the DD/P, and in rectifying the present duplication of capabilities and functions that exists between Geography Division and

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## b. Present relationship of Geography Division to the DD/P

- (1) Geography is uniquely concerned with place and the phenomena that bear on or clarify a particular situation. The geographer is thereby a generalist whose competence lies in locating, identifying, and interpreting the distributional characteristics of all physical and cultural elements. The application of this competence to the needs of operational plans and programs is obvious and needs no accounting. It means that the fundamental area expertise of the geographic intelligence officer, coupled with his professional competence in data vitally important to operations, make him a natural ally of the CLW case officer.
- (2) Projects directly or indirectly in support of the DD/P occupy about 35% of the Geography Division program, amounting to 60-65 projects per year (Encl. A). These range from very broad assessments of

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In addition to the recent average of 24 projects per year in support of CLW needs, the work includes special publications in the fields of collection and operations. Currently, the Division is deeply involved in supporting CLW needs

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SUBJECT: Geography Division Support of DD/P

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(3) DD/P recognition of Geography Division as a resource, however, is at best inconsistent. We have produced on a crash.

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tions plans conducted by China Activities. This is not to say that the Geography Division should, or could, fulfill all DD/P needs for environmental data and interpolation. It does say that there appears to be no effective to/P - BD/I agreement on the support colle of the DD/I; that there is no uniform approach by elements of the DD/P to obtain the sinds of operational support required; and that as a result there is no assurance that the work being done by Geography Division is in keeping with the actual thrust and magnitude of priority ads.

SUBJECT: Geography Division Support of DD/P

25X1A 25X1A	(3) In addition to its coordinating role, has for a number of years been involved in spot research support for DD/P units. The work was (and still is) termed "collation". In addition, has been turning out large, finished studies on countries or major strategic regions called disseminated widely in the Intelligence Community for use by field personnel concerned with UW (see Encl. B for partial list).	25X1A 25X1A
25X1A	(4) is a complicating factor in the determination of proper DD/P-DD/I relationships because its operational support coordinating functions have evolved into a direct duplication of the production functions of Geography Division. A subordinate,	
	but important factor is that its work tends to be dangerously out-of-date, misleading, inaccurate, and incomplete (Encl. C).	
25X1A	It enjoys, nonetheless, a generally loyal following among non-	
20/(1/(	apecialists because of the product (which normally is	25X1A
	heavily salted with re-runs of Cartography Division Maps), and	20/(1/(
	the convenience to desk officers of having a "collation" of published materials handy. Simable portions of most at atudies	
	are lifts from past Geography Division publications or current	
	files, as are parts of the spot (IN support. Some content is	
	original research; the rest is a mixture of existing finished	
25X1A	intelligence and raw data shaped to fit the pitch of the publica- tion. Carry an Agency seal and,	
	uncoordinated with the DD/I, are disseminated to the Intelligence Community.	
	(5) The Geography Division, in association with Chief,	
25X1A	Geographic Research, has attempted since January 1959 to resolve tyroblems of duplication and substantive discrepancy through confer	the 
23/1/4	ences with and and his chiefs. No solution has been achie	eved.
	which long endured (see Encl. D). While the basic problem is the	
25X9	irresponsible, self-interested, operator character of himse there is no question but that weak supervision and lack of real interest on the part of him shiefs has been been been been been been been bee	elf,

### d. The new CLW program

(1) "Covert limited warfare" is a relatively new phrase intended to distinguish the aggressive activities of CIA that are conducted in peacetime from those conducted by Defense and CIA in wartime (including unconventional warfare, or UW). Until recently, the CIW activity was a comparatively hapharard, ad hoc affair without great emphasis or an integrated, coordinated program. About two years ago, a reorganization and breadening of the activity was

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SUBJECT: Geography Division Support of DD/P

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instituted.

and supporting or implementing capabilities were developed in appropriate Area Divisions. These actions coincided with an increased interest in CLW techniques on the part of Department of Defense, the JCB, and General Eisenhower. Most recently, a committee headed by Mr. Bissell and including Paul Mitze, McGeorge Bundy, and Walter Rostow, has developed a study on "deterrence and countering of guerilla warfare", which is intended to clarify the missions of Defense, State, and CIA with respect to covert and overt support of friendly governments through cold war means. President Kennedy's review and approval of the study was expected imminently. After the Cuban situation, General Taylor was named to study the capabilities of the United States in paramilitary activities and to make recommendations.

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(2) The outstanding fact about CLW is that it has become a large, integrated, and high priority activity which is intended to operate through comprehensive country programs. It clearly requires substantial and versatile intelligence support. A recent DD/P working paper entitled (Encl. E) specifies intelligence requirements, a large proportion of which fall within the field of Geographic Research. However, the paper makes no reference to the DD/I as a resource or as a supporting partner in covert action. Rather, it assumes that all intelligence collection. collation, analysis, and evaluation will be done by the Station or Base concerned. The role of Headquarters is restricted to that of an intelligence recipient and "registry". The assumption that Readquarters is not a significant factor in the intelligence capabilities and data that are sought is implicit also in the Operations School presentation on CIW which CRR personnel have received.

## e. Problems faced by DD/P

(1) A complete knowledge of the operational environment is required in order to conduct CLW successfully. The DD/P does not, judging from ORR experience, have this knowledge presently. It has very few technical and area specialists in the earth and social sciences. It has only the series as a basic intelligence support unit. The limitations of this unit have already been noted.

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(2) The DD/P appears to be surviving in part through an unorganized, spasmodic use of Geography Division, and, and, occasionally, elements of and OSI. The

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SUBJECT: Geography Division Support of DD/P

remainder of its support needs are presumably handled by internal task force groups assigned to the task. This seems a dubious procedure which misapplies manpower and is costly in terms of efficiency and valid results. It is recognized, of course, that for reasons of security certain operations support work is not suitable for delegation to an outside unit and must be carried on within the DD/P.

### f. Problems faced by Geography Division

- (1) The Geography Division is responsible for a function which is not consistently or formally recognized by the requester involved. The requester compounds the problem by unilaterally establishing (and disbanding) duplicate mechanisms when assumed special situations, or whim, dictates. Such a situation makes it impossible for the Division to anticipate urgent requirements, and reduces its already limited ability to program work shead.
- (2) The lack of a recognized relationship with the DD/P also restricts the effective consideration of long-term DD/P needs in planning self-initiated research. Analysts expend real effort to keep abreast of operational needs and to incorporate appropriate requirements in their projects (as was the case with the inclusion , but it is often frustrated by uncooperativeness and the fact of basic organizational separation of the requester.
- (3) The absence of clear DD/I policy on DD/P support complicates the task of management in assuring that the Division is doing what is expected of it in the proper order and proportion.
- (4) The bad work of \_\_\_\_\_\_\_ by being officially and widely disseminated in the Intelligence Community, potentially affects the reputation of Geography Division and the DD/I because the work can be and has been identified with this part of the Agency.

# g. Practical Considerations affecting DD/P - Geography Division Relationship

(1) The DD/I subordinates research support of the clandestine services to the production of national intelligence. The Geography Division, however, originates comparatively little national intelligence, and can contribute only occasionally to the national intelligence efforts of other units. Its work has, on the other hand, a natural and intimate application to operations support, as is borne out by its production history and by the utilization of geographic research in the Defense agencies.

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SUBJECT: Geography Division Support of DD/P

(2) In a sense, the geographic research effort is a service; its intelligence products normally take the form of contributions to the problems of others -- the economists, OSI, and the DD/P. Unlike the Industrial Register, however, this service is not recognized as such. The Division tends thereby to be viewed not as Community (or Agency) property, but rather as another CIA unit with an independent, intermelly-determined program. This consideration is too intengible to be dealt with administratively but serves to reinforce the effect of other elements of the role problem.

Distribution:

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ORR:Ch/G 3791:jmc(14 Jun 1961)

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MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MEETING, 13 JUNE 1961

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PRESENT:

#### 1. Move to the New Building

The following scheduled weekends have been announced for moving into the new building:

ORR components located in MaQ.... 22 September D/GG and D/GC..... 29 September 25X1A

We will probably be asked, within the next couple of weeks, to make an inventory of everything to be moved. look into the preparation of map cabinets for moving so that content of map drawers will not be damaged.

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#### 3. Possible Exchanges in FY 1962

The following exchanges have been suggested to the USIB Committee on Exchanges as of possible interest to GRA: Cartography, City Planning. Meteorology, National Parks and Wild Life Sanctuaries, and Archeology.

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4. GRA Special Courier Service During May

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gave a summary of the use of courier for GRA components as follows:

as special

D/GL..... 21 hours, 55 minutes 37 hours, 25 minutes

\*Includes pick-up and delivery of paychecks and T&A's.

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### 5. Briefing of Mesers. Funkhauser and Woods

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The Outgoing Economic Counsellor (Funkhauser) and First Secretary (Woods) to Moscow are being briefed in CER for two weeks. They are scheduled to be briefed by CERA as follows:

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13	June,	1600-1700	co/x	*
22	June,	1430-1530	GG/B	*
22	June,	1530-1630	GL/S	**

## 6. Background Material for Article in "Studies in Intelligence"

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file (on 5% cards) on instances of significant or unusual use of geography or geographers in intelligence, to be utilized as background material for an article for publication in "Studies in Intelligence". Ch/G would like to have contributions to this file from anyone in the Area.

### 7. Long-Range Budget Projections

The CRR long-range budget (through FY 1966) has been forwarded to the DD/I. It was submitted in two alternate forms: one asked for considerable personnel increase within ORR, with a lesser amount of external research; the other asked for a lesser personnel increase, plus a great deal of external research.

### 8. External Research

#### s. Africa

The Project Review Committee has approved the external research project on Africa. This involves a contract for \$25X1A\$ for the study of four cities in Africa.

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#### b. Soviet Activities in Geography

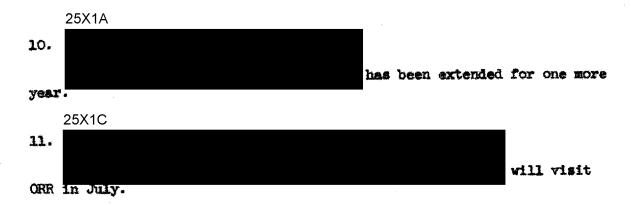
25X1A 25X1A The proposal for contract contract for a project on Soviet Activities in Geography has been sent to PRC for approval.

## 9. On-the-Job Injuries

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asked that everyone be reminded of the importance of reporting all injuries on the job without fail and as soon as possible.

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### 12. Reorganization in State

reported on developments in the current reorganization of INR, State Department.

### 13. Proposed Change in Name of ORR

It has been proposed that the name of ORR be changed to the Office of Economic and Geographic Intelligence (OEG).

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CONTINUAL.

15 JUN 1961

Memorardum No. 305

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MEMORANDUM FOR:

SUBJECT:

Requirements for

Maps

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REFERENCES

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25X1A 25X1A Map Library, ORR has requirement for seventeen copies of each map. The eight copies forwarded on will be sufficient and it is requested that eight copies of all subsequent map production of be forwarded to the Map Library, ORR, Arrangements have been made to fill out our requirements from ACSI when they become available here. This plan has approval of Major George Carrington, Area Analysis Branch, Technical Division, ACSI, who will inform to insure your procurement of the eight copies in the field for Map Library.

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Chief, Geographic Research, CRR

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'COMMENTAL

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3 JUN 1961

PURCTIONAL STATISMENT

OFFICE OF RESEARCH AND REPORTS

Geographic Research Area

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The Geographic Research Area is responsible for that part of the CRR/CIA mission concerned with the production of geographic intelligence on all areas outside the U.S. and with related coordination and maintenance of specialized services.

of the three component divisions of the Area. In addition, he promotes coordination of the geographic and may reference materials, including maintenance of a may reference service. The Chief, Geographic coordination of intermency requirements and collection guidance for geographic and map intelligence Research, in carrying out his responsibility for these programs and services, directs the activities The Office of the Chief, Geographic Research guides and directs the development and programming of geographic intelligence, mapping intelligence, and special cartographic production, and intelligence effort within the Government.

CIA and USIB Subcommittee reports, the Mational Intelligence Surveys, and other intelligence programs, support of operations, training, Mational Intelligence Estimates, current intelligence publications, Through its activities in the coordination of the Mational Intelligence Survey base mapping program The Cartography Division is responsible for producing special subject maps, charts, and graphs in

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2 - Ch/G

ORR:Ch/G:JAB:jmc/4797(7 June 1961)

FUNCTIONAL STATEMENT (Cont'd)

and other inter-Office and interagency support, this Division establishes standards of cartographic presentation and promotes presentation of intelligence data in cartographic form.

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The Geography Division is responsible for providing geographic intelligence in support of operational planning and activities, current reporting, estimates, and the National Intelligence Survey Program.

The research includes

map intelligence studies prepared for CIA and military services use. The Division also produces intelligence on scientific activities in the Antarctic and on Soviet capabilities and intentions in mapping and geodesy.

The Map Library Division maintains and develops, on a continuing basis, a comprehensive library which provides current world-wide coverage of foreign special-subject maps, together with strategic map series, target charts and photomosaics, and other map reference materials for intelligence use by CIA and other intelligence agencies. In addition, a supporting, select, repository map collection is maintained in full readiness for use. This Division supports domestic map procurement activities 25X1A through liaison with 00, foreign map procurement through liaison with the Department of State and the military services, and specialized foreign map procurement through the DD/P and the military services.

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	CENT	RAL INTELLIGENCE A	GENCY	
		CIAL ROUTING		
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Remarks:

REF: Your memo of 22 March 1961, subject:
"ORR Budget Submittal - Fiscal Years
1962 and 1963"

Attached is the revised "Functional Statement" for the Geographic Research Area, as requested in Par. IV. C. of your memo.

FOLD HERE TO RETURN TO SENDER		i
FROM: NAME, ADDRESS AND PHONE NO.	DATE	İ
/S/ JAB pproved for Release 2000/08/16 CIA RDP80-0053	According to	63 0001-1

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DRAFT

Mr. David G. Dickason
Department of Geography
University of Pittsburgh
Pittsburgh 13, Pennsylvania

This document is wart of an integrated file. If separates from the file it must be subjected to individual systematic review.

Dear Mr. Dickason:

I have received your letter of 17 May 1961 in which you are seeking recent information regarding the iron and steel industry in Communist China, and a terrain base map of Communist China.

There are no CIA publications on above subject available for dissemination. I would suggest that you inquire directly to the Department of Commerce and the Department of Interior for such information.

The map about which you make inquiry is not available in any form other than that in which you saw it in the publication, nor is it available outside of that publication. I don't know that a base map showing terrain is available elsewhere although an inquiry of the Library of Congress might be of value to you. I am sending another map at a large scale that is essentially Map No. 28078 enlarged which I hope may be of use to you.

Sincerely yours,

OFTO E. GUTHE

STATINTL
OCh/G/RR mmk/8887

#### S-E-C-R-E-T

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8 June 1961

MEMORANDUM FOR: Assistant Director, Research and Reports

FROM:

25X1C

Chief, Geographic Research

SUBJECT:

GRA Activity Report for the Month of May 1961

## Major Research and Technical Support Activity

1. The Geography Division completed and disseminated one Geographic Intelligence Report (GR L-61-1, Dominican Republic: Part X); and seventeen Geographic Support Projects during the month. Ten of the support projects were sheets completed for the the other projects were done in support of SAC, DD/P, CME, CRR, and the MIS Program. CIA/RR GP 61-52:L was a crash effort designed to provide the CIA advisor to the U. S. Delegation (DAD/OHE) with the best available geographic source material on Laos and an evaluation of the bearing of environmental facts on any partition of the country.

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2. The Cartography Division accepted requests for 229 new maps and charts and completed 192. The number of jobs in progress at the close of the month totaled 405. Both completions and new jobs accepted were especially high for the month and reflected, as in past years, an urgency to complete FY 1961 projects. Major production efforts of the Division centered on the following: (a) Requirements of CME for NIE support were quite heavy, with MIE's on the USSR, Brazil, and China receiving major attention; (b) The production of a much-needed substantive map on Indochina; (c) A series of 22 original maps were prepared for the Task Force on Latin America, Department of State, on U. S. Economic Aid to Latin America; (d) Final completion of the series of telecommunication maps on East Germany and the Sino-Soviet Bloc was accomplished; (e) Contributions to the MIS program were extremely heavy during the month; (f) An increase in the collection effort resulted in contributions by the Division to the Program. RDC's and the GM Staff; and (g) Strong map support on the project being prepared by D/GG for DD/P was provided by the Division.

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3. The Map Library Division forwarded 32,954 items in response to 2,213 requests for maps, related geographic publications and reference information. Significant receipts from foreign sources included the

#### B-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of May 1961

- following: (a) 553 sheets from Vietnem; (b) two RESTRICTED 1:50,000 maps of the Afghan-Pakistan border; (c) a 1:250,000 sheet of the Jammu-Kashmir-Tibet area; (d) the Russian "Ice Atlas of the Baltic Sea", Part I, 1960; (e) a 1960 1:8,000,000 map, "Electrification (power) of the USER"; (f) a map of administrative divisions of East Germany; and (g) a new plan of Greater Berlin.
- 4. The Special Collection Support Branch, D/GL, collected 24 additional sheets of the "East Pakistan Irrigation Planning Maps", 1:40,000, dated 1956. These sheets cover an area of the western part of East Pakistan and supplement sheets of this area which were received previously.
- Staff Discussion Group on the subject, "Boundaries of Communist China". The presentation covered the physical characteristics of China's borders, the historical context in which the borders and their problems evolved, a summary of the more important disputes, and thought as to their significance and possible resolution (PM 61.1933).

## B. Planning and Development

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- 1. The Chapter IX Coordinator and the Coordination Staff reviewed the detailed list of comments by the Army MIS Committee member on the Chapter IX Outline Guide that was forwarded to the MIS Committee on 8 March. A copy of the list of comments and an annotated copy of the Outline Guide incorporating the changes that appeared to be acceptable were sent to the Subcommittee members on 25 May for review and approval.
- 2. A memorandum of 2 May from the Collection Staff, OSI, requested that D/OG continue the updating and supplementing of CIA/RR GR-24, Ostrov Vozrozhdeniya, dated May 1953, giving this project a high priority. We have informed OSI that the stated deadline (December 1961) may not be feasible but that every effort will be made to fulfill as much of the project as possible by the end of the calendar year.
- 3. Writing of the underground nuclear explosion study (PM 64.1786) by the USER Branch, D/GG, was temporarily delayed by a request from Chief, Buclear Energy Division, CSI, for an evaluation of the geographic intelligence materials available to support a Buclear Test Ban Organization. A memorandum that provided detailed information on map and area study coverage of the USER was prepared.

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of May 1961

- 4. In response to an ICA request, the Hear Bast/Africa Branch is preparing an Official-Use-Only version of the Secret publication, Brief on Mali, CIA/RR GR L-61-2, that will permit ICA to make wider disseminstion of the information than was possible with the original study.
- 5. The Far East/Pacific Branch will initiate early in June a study of the series of atlases of China currently being produced by the GRC Mational War College, Taipei. Use of a format similar to that employed in CIA/RR GP 60-107, New Ethnic Map of China, is planned.

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was informed of the collection potential in 6.

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and of the availability of our consultant to undertake the assignment.

the cosmittee while

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8. At the request of OME, a committee composed of members from Graphics, CCI, Printing Services Division, CL, and D/GC was established to review and recommend changes in the graphic content and format of the OCI, will chair 25X1A National Intelligence Estimates reports. OME, will direct it.

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9. Because of the developing importance of Latin America, the Cartography Division initiated a review of the status of base maps covering the area. Indications point to the need for stepping up production of up-to-date bases on each country in order to fulfill requirements of the MIS "stop-gap" Chapter I reports and day-to-day activities of the Department of State. A base map production program similar to that on Africa is under study and will be initiated as capabilities become available.

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and, with completed his mission

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attended the for the time being. and will return to Washington with

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25X1A during May in connection with mapping negotiations made two trips 25X1A

and is scheduled to visit in June to brief prior to his completed a brief mission

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he was advised not to visit

completed his mission in

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of May 1961

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transfer conducted provincial procurement and is scheduled to return to Washington shortly after 1 July.

completed his mission scheduled to return to Washington in June.

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## C. Significant Outside Contacts and Activities

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Exchanges on the possible advantages of a UB-UBSR exchange of city planners and was appointed chairman of an ad hoc group to act as technical advisor to the committee on this exchange. Subsequently a meeting of members of the intelligence community was held to evaluate the exchange formally and work out a recommended itinerary.

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Foundation colloquium at which the objectives, programs, and accomplishments of U.S. research in Antarctica were summarized by Dr. A. Crary, Chief Scientist of the U.S. Antarctic Research program.

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on the objectives and research of QG/X. He was shown
the collation work being done by and was impressed with the 25X1A
effort. In confirming that this is not being done stated he felt should be 25X1C
informed of the effort in order to provide assistance if and when the

4. Discussion group meetings as follows were held:

a. At the Arctic Area Discussion Group, Mr. George Stoertz, U.S. Geological Survey, presented slides taken on the March 1961.

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- Chief, ICA/AF, met with the Africa Roundtable for a brief discussion of the extent and nature of ICA activity in Africa. ICA at present is engaged in extensive self-appraisal.
- c. Dr. Kenneth Landon, recently of the MSC-OCB complex and currently on the FSI staff, spoke at a meeting of the Southeast Asia Discussion Group.

SUBJECT: GRA Activity Report for the Month of May 1961

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ment for the collection of topographic maps.

#### S-E-C-R-E-T

25X1A                 	intelligence effort which was called for the purpose of briefing chief of the newly created visited GC/E the following day, and matters of mutual interest related to reporting were discussed at length.	25X1A
	6. Twenty-five members of CRR, the Industrial and Graphic Registers, and the CTA Library attended a D/GG-arranged briefing by Mr. Hovseplan, Office of the Chief of Engineers, on the Tactical Commanders' Terrain Analysis Program on 24 May.	25X1A
25X1A	7. Three new embassadors scheduled for African posts were briefed by the Map Library Division on map procurement problems in their respective countries of assignment. Division on map procurement problems in their respective countries of assignment. Division briefed Ambassador Carnahan, Sierra Leone; and Division briefed Ambassador Bonsal, Morocco, and Ambassador Badeau, Egypt.	•
25X1	and Lt. Colonel Woodyard, Deputy Chief, Mapping and Geodetic Division, ACSI, and Lt. Colonel Woodyard, Deputy Chief, Mapping and Geodetic Division, ACSI, to discuss his recent trip to the Far East. He informed them of the contacts he had made with Army collectors and their reactions to the guidance and support information he made evaluable to them and the require	•

Considerable information on topographic and geological mapping was provided. The results of this trip will be published in CD/00 reports.

GL/S, spent three days in New York, working with

to assist in the exploitation of an

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Problems D.

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25X1A For some time there has been a growing concern about because of the 25X1A

product known as inaccuracy of content and because the studies have been widely disseninated throughout the intelligence community and to the armed forces as

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of May 1961

CIA produced intelligence. The report covers bear the imprimatur of CIA in the form of its seal and the Agency name. The have borrowed heavily from the publications of CRR. The CRA has made repeated efforts to arrive at a solution to the problem of inaccuracies in textual content of the studies. We have not succeeded for a variety of reasons.

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The studies have now found their way to the Army Map Service; specifically, the Department of Engineer Intelligence was told to correlate some of its writings with one of the Service Unfortunately, a DEI 25X1A source indicates that some of its analysts believe studies emanate 25X1A from CRR and have asked why we permit publication of such inaccurate studies and their circulation to the intelligence community.

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A representative of one of the CRR staffs making a survey trip in May 1960 was forced to correct impressions held by the War Plans Group, CIECPAC, Honolulu, relative to CER's responsibility for inaccuracies in studies. The Group was at that time concerned about several studies on southeast Asian countries where valid and invalid material had been combined, inaccurate information included, and the dates on maps charged without bringing the data up to date.

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We really have no accurate way of ascertaining the damage being done to CRR's reputation for sound and accurate research by the publications.

We are increasingly being subjected to criticism by people who know us and who implicate us by association with materials borrowed for publication purposes.

#### E. Miscellaneous

1. Chief, D/GC, and Chief, D/GL, left for Europe during the month to attend the First General Assembly of the International Cartographic Association (ICA), which is being held in Paris from 29 May to 3 June.

2. CG/F, completed his area familiarization trip to the Far East and returned to headquarters 25 May. His notes on observations in received earlier, were edited and made available to FE/DD/P.

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MEMORANDUM FOR:

Chief, Administrative Staff, CFR

SUBJECT:

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Long Range Budget; Projections for CRA

REFERENCE:

Memo from Comptroller to Chiefs of Staffs, Offices, and Operating Divisions, dated 24 May 1961, same

subject

The long range budget projections for the GRA are as follows: 25X1A

FY 1966 FY 1965 25X1A FY 1964 FY 1963 Program 25X1A Production Includes increase in external research project on applied geography in 25X1A 25X1A 25X1A the USSR from 2/ Includes anticipated initiation of enternal research project on ethnic 25X1A anticipated initiation 25X1A of external research project on ethnic groups in Southeast Asia at and social groups in Latin America at continuation of Africa external research project at in external research project on applied geography in the USSR. Covers requirement for 2 additional slots in Cartography Division (IO Cartographer-1; Cartographer-1) to hendle increased general 25X1A 25X1A and NIS support effort; 3 additional IO(Geographer) slots in Geography Division, 1 to handle increased need for geographic research support on 25X1A 25X1A Africa and 2 to man anticipated Chinese Collation Project; L additional IO(Geographer) slot in Map Library Division to provide Procurement Branch 25X1A 25X1A 25X1A 25X1A

3/ Includes increase in anticipated external research project on Southeest 25X1A 25X1A continuation of Latin American external research 25X1A Asia from reduction in USSR external project 25X1A Covers requirement for 1 toe<u>t.ore</u> additional IO(Geographer) slot in Geography Division to handle increased 25X1A need for geographic research on Latin America. 25X1A 25X1A

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SUBJECT: Long Range Budget Projections for GRA

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4/ Includes reduction in external research projects on Africa, Latin each; continuation America, and Southeast Asia from of USSR external research project

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Acting Chief, Geographic Research

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ATTW :

31 May 1961

SA to Ch/G/RR

Geographic Research Area Interest in International Conferences

- 1. Submitted herewith are memorandums indicating interest of the Geography, Map Library and Cartography Divisions in International Conferences scheduled during period 1961-62.
- 2. The submission of the Geography Division consists of two parts. Part I is a copy of the FY 1962 consolidated Priority Conference Target List of Forthcoming Conferences. The Geography Division has indicated its categories of interest in individual conferences on this list. It is requested that this list be returned to D/GG when St/I has finished with it.

Attachment: Priority Conference Target List (1961-62)

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22 May 1961

### GEOGRAPHIC RESEARCH

### Office of Research and Reports

# Submittal for FY 1963 Office Estimates -Narrative Justification Statement

## A. Statement of Objectives

program aimed at collection

The Geographic Research activity consists of: (a) program formulation, direction, and supervision of the Geographic Research Area and the coordination of geographic and map intelligence research and production within the USIB structure; (b) geographic research and analysis in support of clandestine services planning and field operations, national estimates, current intelligence analysis, and economic and scientific intelligence programs of CIA, including the production of geographic intelligence for use by the planning and policy making levels of the United States Government; (c) the coordination and preparation of contributions to NIS Chapters I and IX; (d) cartographic intelligence support to all components of CIA, the Department of State, and other appropriate intelligence agencies; (e) provision of full library reference service for maps, photomosaics, target charts, and map materials; (f) coordination and staff support of an inter-Agency foreign map and mapping photography procurement program, exploiting both foreign and domestic sources; and (g) support and coordination of an inter-Agency

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### B. Accomplishments During FY 1961

- 1. Approximately 162 geographic intelligence reports and other substantive intelligence items were produced in FY 1961. By far the largest part of the research effort was devoted to direct support of the intelligence production and operations programs of other components of CIA and joint programs of CIA with other government agencies, namely: DD/P operational planning and field activities (22 percent); the HIS program (26 percent); the intelligence production programs of other components of the DD/I (17 percent); and the Russian Collation Project (11 percent). As anticipated, production on Southeast Asia, Trans-Saharan Africa, and Latin America increased during the year in response to urgent needs. Continued emphasis was given to geographic support of covert limited warfare, U.S. operations in the Antarctic, and guided missiles and nuclear energy intelligence. A major, long-term collation program on the USSR jointly initiated with Army Map Service during the year temporarily delayed other production on the USSR. An augmentation of personnel strength in support of this priority activity is under way.
- 2. For the sixth consecutive year, all NIS commitments were met, including completion of 6 Annuals in addition to the scheduled basic studies.
- 3. The Cartography Division produced 1,784 maps, charts, and cartograms, an increase of 37 items over FY 1960. This was accomplished with 2,807 fewer man-hours than worked the previous year. Overtime was decreased from 2,521 to 1,672 man-hours. The production of the Division

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was primarily in support of the Agency and the Department of State. The NIS Map Coordinator processed 410 items as proofs or final maps during FY 1961, a decrease of 22%. Distribution of effort was essentially the same as during FY 1960, with CRR, OBI, OCI, OSI, ONE, AND DD/P accounting for the bulk of the requests. Although fewer items were produced for the NIS program, there was a 6½% increase in man-hours allotted reflecting the increased complexity of this map requirement. Requests from DD/P increased 84% over FY 1960, although the man-hours required to fulfill their tasks decreased by approximately 5%.

4. Although the major mapping programs essentially were met during the fiscal year, lack of available man-hours delayed many projects beyond the requested deadlines.

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- 25X1A 5. The external research contract with mentioned in last year's "Future Plans" involving special map projections was initiated during FY 1960. Seventeen items are being produced for delivery in part during FY 1961 and the remainder in FY 1962.
  - 6. During the year, the inter-Agency foreign map procurement program, conducted by the Map Library Division on behalf of the Agency and the several governmental mapping organizations, yielded 64,045 maps and 11,576 related publications. Procurement from domestic sources yielded 3,344 maps and engineering drawings, 296 publications, and about 7,700 serial photographs.
  - 7. Support and guidance to the clandestine services in connection with the high-priority requirements for collection of topographic maps

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and geodetic data on the Sino-Soviet Bloc has continued as a major effort of the Map Library Division. Emphasis has been placed on the development.

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More than 25 of these leads were provided. Additional 1:25,000 topographic maps of East Germany were collected during the year. Additional foreign travel to provide briefing and technical support to field collectors was undertaken. Additional manpower from Army Map Service, and the assignment of a man from SAC, have added support to these efforts.

- 3. Collection of maps, serial photography, and operational support materials from domestic sources has continued. The Air Force has been increasing pressure for greater efforts to collect photography from domestic sources. There were many significant acquisitions during the year, including over 100 town plans of Viet Nam which are finding immediate priority use in the Army.
- 9. A total of 32,729 map sheets and 3,179 related publications were processed and added to Agency holdings. Maps and publications forwarded to the Vital Materials Repository totaled 5,362 items. A new publication, Acquisitions List of Antarctic Cartographic Materials, was initiated and the first issue produced in response to the need for dissemination of current information relative to the availability of Antarctic cartographic materials.
  - 10. Requests for map reference services of all types totaled 24,616, a 7% increase over the preceding fiscal year. Requests for maps totaled 16,871; the number of maps forwarded to requesters totaled 466,064, a

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46% increase over the preceding fiscal year. The remainder of the requests were for target charts, photomosaics, atlases, gazetteers, guide books, place names and cartographic information.

## C. Future Plans, FY 1962 and FY 1963

- 1. Research in support of geographic intelligence requirements on Southeast Asia, Trans-Saharan Africa, and Latin America will continue to increase. Associated with this development will be additional requirements for special geographic intelligence memoranda on situations of concern to the United States. Covert field activities will be supported at about the same level as was required in FY 1961. Research on the USSR will approximately double, reflecting the effort required by the Russian Collation Project and a continued emphasis on guided missiles and nuclear energy intelligence support. The NIS program will require slightly increased support during FY 1962 and FY 1963, as compared with FY 1961.
- 2. Requests for cartographic support will probably increase steadily during FY 1962. Indications are that NIE's and NIS will demand a marked increase. Support to CRR, CCI, and CSI will increase slightly, with DD/P an unknown. The Department of State will increase its requests over FY 1961. Based on present man-hours available, the Cartography Division will not be able to meet the anticipated increased requirements. The use of improved techniques, procedures, and overtime have been employed to the maximum during FY 1961 and will no longer support an increased production rate, as they have during the past several years.

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3. There will be continued development in both foreign and domestic phases of the coordinated inter-Agency map procurement program. High Priority is being given to procurement of map materials from Africa

the Sino-Soviet Bloc, additional effort will be applied to the development of leads, and daily support of the clandestine services in assessment and study of collection targets. Greater attention will be devoted to this problem in China. Domestic map collection will emphasize selective procurement for areas of current priority interest.

4. The move to the new building should increase the number of map requests which will be handled as a result of the physical proximity of the Map Library to the many operating parts of the Agency. This, together with the problem of continued high-quality service to the Department of State, will undoubtedly require the assignment of additional personnel to the Reference Branch.

Distribution:

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19 May 1961

Ch/G/RR

SA to Ch/G/RR

Evaluation of Special Intelligence Seminar, April-May 1961

- 1. This seminar was arranged by St/I/R for a number of ORR personnel. The first portion of the Seminar was held during the last week in April and the second week in May 1961 at CIA Headquarters area. A second portion was given by NSA for a limited number of the group and was conducted in a briefing room at NSA Headquarters.
- 2. A canvass of 10 of the 12 GRA group attending the second portion revealed the following consensus of opinion regarding the seminar.
- a. There was a unanimous expression that the first portion of the seminar was useful and informative. It brought the attendees up-to-date on organizational aspects of MSA and dealt with various phases of the MSA collection process.
- b. The second portion of the seminar, presented at NSA Headquarters, was generally judged to be interesting but not particularly valuable in terms of developing an understanding of the nature of the NSA product and how it can be used. The fixed graphic and equipment display gave a vivid presentation of the extent of the collection network, an idea of the flow of information back to Headquarters, and an exposure to some of the equipment used. Much of this knowledge was already possessed by the individuals attending as a result of their past experience in the field of intelligence.

Two participants felt, however, that the equipment display was quite useful in terms of their individual day-to-day work. The others felt that this aspect, interesting as it was, might have been dispensed with and some contact and consultation with working-level people substituted to their distinct advantage. An understanding of the evaluation process and of possible means of coordination with the MSA product is more important to the average intelligence officer than are the intricacies

of the electronic tools employed in collection. Most of the participants agreed that the second portion of the seminar was not of sufficient value to warrant a half-day trip to NSA for such a group of people.

3. These views have been communicated already to St/I/R and are similar to other expressions of opinion which he has received. It was indicated that St/I/R does not plan to repeat this seminar in its present form, at least not to experienced intelligence officers.

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SA/Ch/G/RR

D/GG D/GC D/GL

19 May 1961

SA to Ch/G/RR

#### International Conferences

#### KIND KINDER

- 1. Priority Conference Target List 1961-62 dated 18 April 1961
- 2. World List of Future International Meetings, May 1961-April 1964,
- 3. World List of Future International Meetings, May 1961-April 1964, Part II.
- 1. St/I/RR has requested that CRA review the referenced Item 1 to insure that it contains a complete expression of GRA interest in international conferences for the period 1961-62. Referenced Items 2 and 3 provide a listing of all unknown contemplated international conferences during this period. GRA is requested to:
- a. List all conferences on which it has a requirement that are not shown in the Priority Conference Barget List; and,
- b. to indicate GRA interest in those conferences listed for which no GRA interest is indicated. Statements of interest are to be categorized in accord with paragraph 3 of referenced Item 1.
- 2. Copies of the referenced listings were sent to the divisions during the first week of May 1961.
- 3. Statements of interest should be sent to LCD/OCR through this Office with a copy going to St/I/RR, Attention: It is desirable that a reply be made by 29 May 1961.

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18 MAY 1961

MEMORANDUM FOR:

Project Review Committee

TERCUGE:

Deputy Director (Intelligence)

SUBJECT:

Proposed External Research Project for Sociological

Research on African Towns

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1. Approval is requested for initiation of a new external project, involving only unclassified research, with as set forth in the attached project outline. Maximum cost of the project to run for approximately 25X1A 16 months.

- 2. The Office of Security concurs in the project as proposed.
- 3. Subject to approval, it is planned to initiate the project as soon as possible after 1 July 1961.

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4. It is requested that consideration of this project be expedited in order to give a maximum time advantage in the hiring of individual researchers before they become otherwise committed for the next academic year.

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OFTO E. GUTEE Assistant Director Research and Reports

Enclosure: Project Outline

Approved:

· · · · · · · · · · · · · · · · · · ·	Deputy	Director	(Intelligence
Distribution:			

Date

12 - PRC

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1 - Ch/G

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Project Outline

18 MAY 1961

Project Cryptonym or Subject: Research on African Towns

Sub-Project Cryptonym or Identification: N. A.

Amendment No: N. A.

Originating Division:

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Geographic Research Area,

Office of Research and Reports

a. Office Read:

Otto E. Guthe, Ext. 8895

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b. Area Chief:

d. Monitor:

c. Division Chief:

t. 4797 , Ext. 3791

Ext. 4923

Case Officer;

N. A.

Target Area: N. A.

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Type of Project: External Research

Financial Mechanisms

Contract

Funds Remested:

for FY 1962, to be available until the project

is completed.

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Current Status: "New"

1. Objective: To produce, largely from field observation and collection, detailed studies on the motivations, attitudes, and backgrounds of the population elements of four selected towas of Africa. Information is needed on the composition, distribution, structure and customs of the population, and on the structure, platform, membership and strength of all organizations.

C-C-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-I.

### 2. Origin and Policy Guidance:

- a. Origin: The proposed project is based on a need that is felt in most parts of the intelligence community for more information on groups, leaders and institutions in the newly independent countries of Black Africa.
  - b. Whence proposed: Bendquarters.
- Situation: The proposed research contributes directly to the Second Category Priority Mational Intelligence Chjective pertaining to "The stability and orientation of independent African states; their vulnerability to Communist influence; ... (CED 1/3, revised 4 January 1961). The Geographic Research Area of the Office of Research and Reports undertakes socio-geographic research in depth on non-Bloc areas and is currently engaged in such research on Africa where possible. Little recent information of this type is presently available and much of it is fragmentary, academic in purpose, or has been made obsolete by rapid change. Agency personnel qualified to conduct these studies are not available in numbers commensurate with the need for producing them. Since the overt approach is not only adequate but preferable, the hiring of mature academicians is a sensible and effective means for accomplishing the desired research. The reports based or this external research would be of great value to the intelligence community and to other departments of the Government that handle Africa in any capacity.

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to undertake this work now or in the immediate future.

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4. Proposal: It is proposed that CFR be authorized to contract with for the production of studies of four selected towns in former French Africa. The studies will be guided and directed

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#### C-C-N-F-I-D-E-N-T-I-A-L

### 5. Operational Outline:

a. Subproposals or "tasks": An optimum outline has been worked out by coordination within the Agency. Information will be submitted in accordance with this outline insofar as it is available.

I. Characteristics of the Expulation

Distribution

Density

Settlement Patterns (with maps)

Composition

Ethnic Origin (including degree to which rural or tribal affiliations are maintained)

Education and Training

Length of time in cities and commitment to urban like.

Structure

Vital statistics

Economic activities and values (opportunities, employment, level of living).

Social activities and values (family, community, tribal organizations, etc.).

Political activities and values (participation of various ethnic groups and segments of population, mode of participation, etc.)

Cultural level of the population

Level of material culture

Customs, attitudes, values, motivations

Influence of the facts of the physical environment Analysis and summary of the foregoing

### II. Organizations

Description of all organizations:

Structure

Offices and officials - the formal structure Informal and unrecognized structure Geographic and social area covered by the organization?

Members

Background of members: Scurce of membership by tribe, education, etc.

Criteria of eligibility for membership

Activities of members:

Required minimal activities

Others, and rewards for additional activity

Reasons for being members; attitudes.

## C-O-H-F-I-D-E-F-T-I-A-L

Leadership

Background and origin of leaders

Description of past, present and potential leaders, including how they have acquired their positions.

Type of appeal to membership: charismaticf established? etc. Relations of leaders to other organisations

-- to what extent is leadership in the overall society

dependent on this or other organizations?

Political associations of leaders and members.

Economic basis of leadership.

Ideological content and goals: what does the organization

try to do, and how successful is 1t?

Effectiveness of the organization

External and internal influences on content

Cohesiveness and stability of the organization

Mistory of the organization:

Organizational changes and the forces that created them.

Personalities contributing to historical changes.

Potentialities for development based on reservoir of people,

leaders, and other ettributes. Probable future size and importance.

Analysis and summery of the foregoing

III. Bibliography

Selection of the four towns to be studies will be accomplished on the bases of priority and availability of qualified personnel.

Priority I

Priority II

Bamako Oungadougou Mianey

Conskry Abidjen Point Noire Brazzaville Elizabethville

At least one and preferably two towns are to be selected from Priority I and the remaining towns from either priority.

C-O-N-F-I-D-E-N-T-I-A-L

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## C-O-B-F-I-D-B-E-F-I-A-L

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- c. Indigenous groups and/or leaders: N. A.
- d. Tarnet groups: N. A.
- e. <u>Duration</u>: Work will begin as soon after 1 July 1961 as possible, the critical factor being the availability of research personnel to do the work. Each study will require at most 12 months field work and three months of writing, making the earliest probable date of completion in September 1962.
- f. Graphic illustrations: The distributional aspects of population will be presented in map from as well as in text, provided data are available and provided the use of the map enhances the presentation.



- 5 -

C-O-H-F-I-D-E-H-T-I-A-L

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C-C-N-F-T-D-E-N-T-I-A-L

Agency would be simply revealing an interest in unclassified sociological aspects of foreign areas.

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operational security: Contact will be with

either through the

as was done in the

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preliminary stages, or directly.

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- e. Personnel disposal: N. A.
- f. Disaster plan: N. A.

#### Coordination:

- a. Relation to other projects: The project is programmed to provide basic support data for use in ORR/DEG. OCT. OBT, ONE, DD/P/AF and other agencies.
- b. Significance within over-all program in area: The project strikes at part of a major gap in both government and private knowledge and current research effort, namely the people and organizations of Black Africa.

- 6 -

#### (-0-N-F-I-D-E-#-T-I-A-L

Extent of coordination: In formulating the project suggestions were solicited from DD/P/AF, the DDI Senior Research Staff, and the Office of Research and Analysis for Mid-East and Africa. Department of State (RME). The Africa Division has stated that it was definitely interested in these studies and that they "would be of background benefit to this Division." RME "welcomes any encouragement and stimulus to such studies that can be schieved through external research." All known sources of information on research programs were examined, in particular the comprehensive facilities of the External Research Division, Department of State. No overlap of significance to this project was evident from these examinations. Africa

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- b. Administrative plan: The project will be supervised administratively The project monitor and the Chief, Administrative Staff, CRR, will oversee the project on behalf of CIA.
- c. Reports: Progress reports will be made by the contractor to the project monitor on a quarterly basis. Substantive material submitted at the completion of each study is to consist of two copies of text and one copy of the accompanying map worksheets. Subsequent publications of this material will be supplied to CIA in two copies each.

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#### 9. Budget Data:

to be available until completion of the project. The following is a maximum budget; depending on the number (four or less), as well as the

- 7 -

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C-O-N-F-I-D-E-N-T-I-A-L

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been included in the proposed GRR Operating Budget for Fiscal Year 1962 for this project. The approval requested herein is for a proposed maximum cost of which amount is consistent with the contractor's formal proposal received subsequent to submission of the proposed GRR Operating Budget. Inasmuch as the represents a maximum budget for this project, the in excess of the specifically budgeted for will be made available during Fiscal Year 1962, if necessary, through internal GRR adjustments in other planned expenditures.

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- e. Mon-CIA funds: N. A.
- d. Foreign currency: N. A.

- 9 ·

#### C-O-M-F-I-D-E-N-T-I-A-L

- e. Funding: The Comptroller's Office will release funds as billed by the contractor and approved by CRR.
  - f. Financial history: N. A.
- g. Future requirements: Depending on indications of satisfactory completion of this project, it is anticipated that extension of this project will be proposed for FY 1963 and FY 1964 for studies on other towns or countries of Black Africa.

#### 10. Support Data:

- a. Total CIA Personnel: None will be required other than monitoring personnel and those involved in normal administration of the project.
  - b. Training: None.
- c. Material: Possible use of unclassified and unidentified maps from CIA Map Library.
- d. Communications: Written and oral communications can be handled directly between the project director and the project monitor

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- e. Other CIA Support: Agency typing and reproduction facilities will probably be employed at the completion of the project. This will not place any unusual burden on these facilities.
  - f. Support required from other United States Agencies: None.

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## 25X1A General Considerations:

a. Current status: The project has been discussed within CRR and coordinated as in 7c. A discussion has been held with

## C-C-B-7-1-D-8-4-7-1-A-L

- leuts: de constituente un vi base mule.
- li Project to not yet operative.
- produce the most recent and detailed information of the type product in the outline (So) on few important thank: The especiantive or tile because, Highwoods the optimal, and probably will not be realized.
- by personnel of the Geographic Area, (RR. Ro special support will be paghia Area, CER. Bo special support will be

25X1A

- g. Congress: Bo congressional complications are anticipated.
- h. Extra-Assacy action: Several factors indicate the desirability of accomplishing the proposed research externally rather than by using Agency personnel. Each of the studies will require several months to a year's fieldwork but only a small amount of library research in this country. Resent and repeated exemination of Geography Division personnel assignments indicate conclusively that diverting personnel for this purpose would drastically curtail "in house" programs. The subject matter involved is highly appropriate for emploitation by an academic institution rather than by a government agency. Lastly, the people of Africa are extremely sensitive to inquisitive Mestern personnel who might have government connections but are not linked to am aid
  - i. Proprietary occupanion: N. A.
  - J. Special considerations: W. A.
  - k. Liquidation: No problems are expected at the time of liquidation.

- 11 -

C-O-M-F-I-D-M-M-T-I-A-L

17 May 1961

MEMORANDUM FOR: Chief, Applied Science Division, OSI

25X1A

SUBJECT:

Vozrozhdeniya Island, USSR

REFERENCE:

dated 2 May 1961,

same subject

1. Receipt of referenced request is acknowledged. In view of heavy workloads, we cannot at this time give assurance that the requested study will be completed by 29 December 1961. Every effort will be made, however, to fulfill as much of the request as possible by that date.

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2. It may be desirable to initiate work on the various topics in accordance with their order of priority interest. Any guidance you may have on this aspect should be communicated to Geography Division, USSR Branch, on extension 4860.

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Chief, Geographic Research Research and Reports

Distribution:

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2 -- Ch/G 25X1A

2 -- D/GG

ORR:D/GG:

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La May 1,-1

MEMORANDIM FOR: Deputy Director (Intelligence)

THROUGH:

Assistant Director, Research and Reports

CUBJECT:

Geographic Intelligence Support for the Geneva

Conference on Leas

25X1A

In accordance with your instructions of 5 May, and as egreed in conference with that afternoon, elements of the Geographic Research Area have been engaged in selecting, essenting, and preparing appropriate items for intelligence support.

The following is a summary of what has been done to 25X1A duste:

25X1A

e. The following siready-published is the were dispended by gouch on S May, in multiple copies:

GM 59-2, Leos

CM 60-4. South Victors

GH (1-3, Leos, Combodia, Vietnem, Chailand:

Map 25 512, Indochine

Man 31500, Lags (page-size)

May 19672, Ethnolinguistic Map of Indochine

Map 25363, Vienness Deserration line and Desaillierized Long

PMI L 509, 11250, 300 Ropographic Map Coverage of Lace

JPRS (NY)-712, Ristory of Laos

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SUBJECT: Geographic Inselligence Support for the Geneve Conference on Lacs

MIE k3B, Lape: Chapter I, Sections 23, 42, 13, 45, 50, 50, 53, 54, 55, 56, 57, Chapter VIII

MIS \$3. Indochina: Sections 60, 61, 62, 63

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b. The Far East/Partite Branch of the Geography Division prepared the accompanying special single-sheet presentation (GP 61-52:b) that combines partition of the information on Laos with a proposed geographical partition of the country. The first copy of this item was shown

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copy is transmitted herewith for your information and with the recommendation that it be made available to the most appropriate office in the Department of State. Two additional copies are being prepared for ONE and OCI.

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Sncloeure:

CIA/RR GP 61-50:L

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3 - D/GG

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S-R-E-T (When silled in)

12 May 1961

TRAVEL - 4

Estimated Foreign Travel, 1 July - 31 December 1961 Espinated 25X1A Approximate Sturting Late Duration Areas to be Visited Purpose of Travel Maine of Traveler(s) Branch 1 August 1961 15 days Buenos Aires, Chief/G 25X1A Chief, D/GC Armentina Late August 1961 15 days Chief, D/GG Hewell. GG/F GG/F Movember 1961 30 days Chief, D/GC Bangkok, Thailand GC/F November 1961 30 Days Chief, D/GL Bengkok, Thailand 25X1A 25X1A 25X1A undertakes both of the above trips, it would be three foreign trips within a 7-month pariod. (not recorded here) This would be the third foreign trip within 7 souths. One trip to Buenos Aires

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TRAV-4

ERSONNEL 10

STATINTL



11 May 1961

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Blood Donors from GRA for 25 May 1961

STATINTL



EXT	BLDG	PREFERENCE
3429	11	P.M.
1923	11	A.M.
3711	11	A.M.
3613	2036 M Bldg	A.M.
415	11	A.M.
3729	n	P.M.
783	n	A.M.
1782		A.M.

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MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MEETING, 9 NAY 1961

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1.

briefings for a week or ten days beginning 15 May.

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#### 4. External Research Projects

#### a. Africa

It is expected that the proposal for the external research project on Africa will go to the PRC for action within the next couple of weeks.

#### b. Soviet Geographers

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has been approved for the proposed external research project on the "Relationship of Soviet Geographers to Military, Scientific, and Foreign Area Frograms". The write-up of the project is still to be agreed upon by the AD/RR.

#### 5. Vacation Schedules

Vacation schedules for personnel in each of the Divisions should be so arranged as to provide adequate coverage of GRA operations (at least 60% on duty at any one time). See asked that each of the Division Chiefs let him know their own vacation plans from now through mid-September.

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## SECRET

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### 6. Role of GRA

There was a detailed discussion of the role of the Geographic Area in various new substantive relationships which may develop.

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3 May 1961

MEMORANDUM FOR: Chief, Cartography Division Chief, Geography Division Chief, Map Library Division

SUBJECT:

Proposed Foreign Travel for the Period 1 July Through 31 December 1961

1. It is requested that you submit to Chief/G no later than COB, 11 May 1961, a listing of all foreign travel contemplated for members of your division during the period 1 July through 31 December 1961.

- 2. Your listing should include all categories of foreign TDY trips which are now planned or can be anticipated (travel under area familiarization and survey programs, attendance at conferences, participation in joint studies, travel in support of specific intelligence activities, etc.) Two copies of the form to be used in preparing your response are attached. Additional copies are available should you need them.
- 3. This listing is for planning purposes only and will constitute neither a request, justification, nor approval for foreign travel. Each trip will still have to be specifically requested and approved.

Chief, Geographic Research

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Enclosure:

2 copies of form -- Estimated Foreign Trave July - 31 December 1

Distribution:

1 - Each addressee

2 - Ch/G

ORR:Ch/G:JAB:jmc/4797(3 May 1961)

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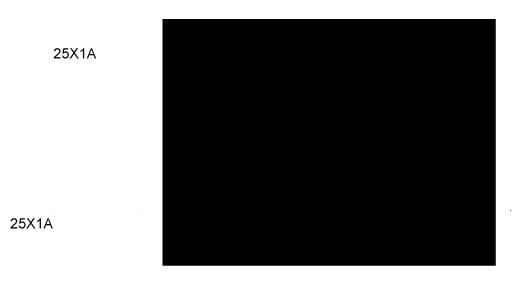
3 May 1961

SA to Ch/G/RR

st/I/R

Nominations for Attendance at Special Intelligence Training Seminar (8-12 May 1961)

The following Geographic Research Area personnel are nominated for attendance at the referenced seminar. The date following one name indicates the day on which that person will not be available to attend. All other listed personnel will be available on any day during the stated period.



SA/Ch/G/RR: mmk/8887

Chief, D/GG and D/GC

3 May 1961

Ch/G/RR

GM 61-3 (West New Guinea)

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

- 1. We have had a response to this GM which said that it was "too bad that some of the locations highlighted in text were not on map." A comparison of the text with the maps in this GM has revealed several discrepancies. Some names appearing in the text have been omitted from the map and in other cases the form used in the text has not been repeated on the map.
- 2. The following is a list of those omissions and discrepancies which have been observed.

Paragraph 2 South Moluccas: not identified on any map.

Paragraph 4,19,27 Radja Ampat Groep: is given coordinate location but should be named on map.

Paragraph 4 <u>Gebe</u>, island of: identified as one of Radja Ampat Groep but not named; pointed out in text so should be named on map.

Paragraph 6,16(twice) <u>Meervlakte Depression</u>: is named simply Meervlakte on the map.

Paragraph 7

Arafura Sea: would be desirable to name on main map
as it pertains directly to subject matter; it would
also be useful to paragraph 18.

Paragraph 9 Bomberai Peninsula: This form is in text, on map it appears as Schiereiland Bomberai.

Paragraph 18 Humboldt-baai: given in text but omitted from map.

Paragraph 24 Moluccas: not on any of the maps.

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SUBJECT: GM 16-3 (West New Guines)

Paragraph 25

Implication that Biak is town exists in text. Map shows no town by this name. Mokmer is apparently the principal "town" on Biak island. Should text indicate that the island is a site of principal European settlement?

Paragraph 27

Cyclops Mountains: stated to be west of Hollandia but could be on map, especially inset.

3. It was my understanding at the time that the text of this GM was approved that all names mentioned in the text would appear on the map. It is highly desirable that, wherever practical, features mentioned in the text be located on any accompanying maps and it is regretable that this has not been done in this case. I should like to have an explanation of what appears to be lack of correlation between the text and map of this CM.

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SA/Ch/G/RR: :: :mmk/8887

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#### 8-E-C-R-E-T

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8 May 1961

MEMCRANDUM FOR: Assistant Director, Research and Reports

FROM:

Chief, Geographic Research

SUBJECT:

GRA Activity Report for the Month of April 1961

## A. Major Research and Technical Support Activity

- 1. The Geography Division completed and disseminated one Geographic Intelligence Report (GR I-61-1, Dominican Republic: Part II); one Geographic Intelligence Memorandum (GM 61-3, West New Guines); and six Geographic Support Projects during the month. One Support Project was for the Russian Collation Project, and was in addition to eighteen revisions of sheets previously completed in order to include additional material required by SAC. Other Support Projects were completed for the Guided Missile Task Force, ID/P, OCI, and UBARPAC.
- 2. The Cartography Division accepted requests for 123 new maps and charts and completed 189. At the close of the month, there were 377 jcbs in various stages of compilation in the Division. Heavy production, combined with a reduction in the number of new requests, has resulted in a notable reduction in the backlog of unfinished jobs. The following projects either undertaken or completed are worth mentioning: (a) a project including 32 maps to meet a pressing need for up-to-date base maps on the newly emerged countries in Africa; (b) an unusually heavy volume of requests in support of CME involving 35 different items; (c) maps for GM 61-3, West New Guinea; (d) a request for 23 maps on U.S. Economic Aid in Latin America from Adolf Berle, Special Assistant for Latin American Affairs; and (e) progress has been schieved on the Special International Boundaries Studies project for the Office of Geographer, Department of State.
- 3. The Map Library Division forwarded 56,599 items in response to 2,425 requests for maps, related geographic publications and reference information. Over-all demands for Reference Branch Service increased over the preceding month, and the 1,753 requests for maps is the highest number of requests for any month to date. Many maps on currently strategic areas were sent to the newly organized Marine Corps Emergency Actions Center. The basic collection for the Watch Office was completed, and that of the Department of State is nearing completion. Among the maps

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S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of April 1961

which were forwarded to the Department of State were those sent to the Office of Intelligence Research and Coordination for the briefing and debriefing of Ambassadors, and those which were sent for President Kennedy's second conference.

4. Significant items received by the Map Library Division included 368 map sheets from Ghama, 320 map sheets from Brazzaville, "Agricultural Atlas of the USSR", Volume II of "Atlas of the Republic of China", "Map of Mongolian People's Republic", and a communications atlas of East Germany. Approximately 125 maps and plans of cities and villages in Vietnam, together with detailed information on water supply in each, were received from a domestic source. This material is of interest to personnel from AMS for a priority need in connection with special studies now being compiled.

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- 5. As a result of its continuing effort to obtain topographic maps of East Germany, the Special Collection Support Branch, D/GL, received nine new topographic sheets of this area through collection efforts. The printing of the revisions of collection guides for East Germany and Poland has been completed; dissemination has been made to collectors.
- 6. The first issue of the "Acquisitions List of Antarctic Cartographic Materials", compiled by the Processing Branch, D/GL, and published early in April, has been very well received.
- 7. The following formal lectures were given by D/GG analysts during April: (e) Three members of the USER Branch presented area familiarization lectures on the USER to a special DD/P group. They covered aspects of physical, cultural, and economic geography pertinent to operational interests of the group; (b) Lectures on China, Northeast Asia, Southeast Asia, Near East, and North Africa were presented by three GG/F and two GG/N members to FSI training groups; (c) GG/F contributed a lecture on China to an CTR course being given for DD/P.

## B. Planning and Development

1. A Geography Division request for ten additional professional slots was approved during the month. Intensive recruitment is underway, backstopped by a special briefing of Field Recruitment Officers on the requirement.

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of April 1961

2. Plans for external research on Africa have shown progress

during the month. Tentative agreement has been achieved

on a project related to certain non-Portuguese areas.

The potential project director is rewriting his proposal for resubmission to the Agency. There appears to be a good chance of putting the project into gear early in FY 1962. The Geography Division prepared further explanation and justification of its proposal for an external research project on Soviet geography.

- 3. The Chapter IX Subcommittee met on 27 April to explore the need and desirability of appraising general maps, charts, and atlases that provide global, hemispheric, or regional coverage and to determine the best outlet for such information -- possibly an MIS Supplement. The Subcommittee concluded that the need for the appraisal of such materials is not sufficient to warrant the expenditure of the time and effort required.
- 4. Chief, D/GG, devoted additional time to analysis and draft presentation of the proper role of Geography Division in clandestine operations support. Chiefs, GG/E and GG/F joined him in discussions with Chief/G on pertinent results of the recent Special Operations Course.
- 5. One of the Geography Division consultants was brought in to headquarters for a three-day period to discuss current and projected work for the Special Research Branch. New details were cutlined for inclusion in his personnel collation activities for making the information useful in identifying information in the Washington files.
- 6. In April, the Cartography Division sent to reproduction the first production run of a map utilizing the new all-color terrain representation which has been under development for many months. This map, Caribbean America, is full 30" x 40" sheet size with full-color rendition of terrain. It will be available in the Map Library in early May.

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#### 8-E-C-R-E-T

SUBJECT: ORA Activity Report for the Month of April 1961

25X1A 25X1C 8. Findings by the concerning holdings of Allied World War II geographic intelligence studies (presumably 25X1C indicate that a great deal of this intelligence is now in possession Much of the basic 25X1C information contained in the studies has been little effected by the passage of time. A summary memorandum analyzing the reported holdings in terms of areas covered will be prepared for transmittal, as approved, to appropriate components of the U.S. 25X1C 25X1C

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9. The Europe Branch. D/GG. has compiled some information on the and has requested provide an official map. Production of a comprehensive map showing the current situation may be in order later.

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CIA Library, for an orderly disposition of our uncataloged books and periodicals not actually required to be held in the Division. Work on "weeding out" unwanted items is in progress.

## C. Significant Outside Contacts and Activities

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State Department coordination meetings on Antarctica, which have been concerned with: (a) planning for the concerned with: (b) the decision to remove the ailing exchange Soviet scientist from Byrd station; (c) the problem caused by withdrawal of the Belgians and Japanese from Antarctic operations; and (d) stepping up U.S. information dissemination abroad on peaceful U.S. research in Antarctica. The effectiveness of informal coordination in comparison with OCB coordination still remains to be proven.

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2. GG/B, has been appointed CRR member of the Agency working group to study the problem of providing intelligence support to a possible

25X1C

- 3. A special briefing room was prepared for Mr. Hilsman, Director, IMR, and several maps of Cuba, Belgian Congo, and Laos were mounted.
- 4. Messrs. Hilliker and Benoit, Chiefs of Area and Language Training, Department of State and USIA respectively, spoke at the April meeting of the Africa Roundtable on their recent surveys of U.S. and African training centers. Mr. Benoit will present to OTR a written report on new opportunities for training Americans in Africa.

-4-

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of April 1961

5. The regular meeting of the Southeast Asia Discussion Group featured showing of films on Lace, notably the USIS-produced "Face of Lace", film study of various ethnic groups in the country.

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which were held with representatives of ICA, AMS, and the Department of State in order to assist the American Embassy, Amman, in its negotiations concerning the West Bank Project.

Army's views on the value of topographic maps of Communist China, met with Colonel Abel, Chief, Napping and Geodesy Division, ACSI. The information resulting from these discussions was forwarded to ACSI advised G-2, UNARPAC, of its views.

#### D. Miscellaneous

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1. A letter was sent by Major General James Walsh, A/CS Intelligence, UBAF, to General Cabell, DDCI, expressing his thanks and commendation for the "cutstanding briefing" recently presented to the UBAF Intelligence Reserve Officers.

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2. Procurement Branch Area Desk Officer for the Western Hemisphere, retired as of the end of April. cartographic draftsman, GC/C, resigned effective 15 April.

3. 3. Brown Composition of Holyoke, Massachusetts, from 25-27 April.

A. Several members of GRA attended the annual meetings of the Middle East Institute at the Mayflower Hotel. Washington, 7-8 April.

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27 April 1961

MEMORANDUM FOR: Executive Officer, O/DCI

Deputy Director (Plans)

Deputy Director (Intelligence) Assistant Director for Research and Reports Assistant Director for Current Intelligence Assistant Director for Mational Estimates Assistant Director for Scientific Intelligence

Assistant Director for Central Reference Assistant Director for Basic Intelligence

Assistant Director for Operations

Director, National Photographic Intelligence Center

Deputy Director (Support)

SUBJECT:

Plaster Relief Models

- 1. The Map Library Division, GRA/ORR, has a collection of 42 plaster relief models (1 of each) produced by 065 which are available to enyone in the Agency desiring them for official use. The sixes and scales of these plaster relief models vary as indicated on the attached listing.
- 2. It is necessary that the Map Library Division dispose of all of these models by I September 1961, prior to their soving into the new building. If you are interested in having any of these for your office, please so indicate by writing in your name, office, moom number, and extension in the space provided on the attached list. The plaster models will be delivered to your office.
- 3. Should you care to examine the models or secure further information prior to selection, please contact the Reference Branch, Map Library Division, on Extension 3793-25X1A



Chief, Geographic Research Research and Reports

Enclosure

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## CIA INTERNAL USE CHLY

27 April 1961

TO:

D/GC

D/GG

D/GL

FROM

Ch/G

SUBJECT:

Change in the Duties of the Geographic Research Area Courier

In order to make more efficient use of the man-power available to the Geographic Research Area, it has been found necessary to reduce the special courier service presently available through the Geographic Research Area Courier. Under this change the Geographic Research Area will cease to have a special full time courier. It is recognized, however, that the GRA will continue to need some special courier service which may not be available from the regular courier system; such instances will be met, after justification as outlined below, by the Control Section of the Map Library Division, CRR. It is expected that the requests for special courier service to be supplied by the Control Section will be few and that courier service to be supplied by the Control Section will be few and that they will not absorb a significant number of man-hours of the Control Section. In order to accomplish this objective the following action, to be effective 1 May 1961, is taken:

- 1. The courier position in the Office of the Chief, Geographic Research, is abolished.
- 2. The present Geographic Research Area Courier will be assigned new duties in the Control Section of the Map Library Division, CRR.
- a. Only those needs of the GRA, based on the necessity to meet high priority requests and which require the movement of intelligence materials and equipment between office buildings appreciably faster than can be accomplished by the regular courier service, will be handled by the Control Section. Requests for Control Section Courier Service will be accepted only when it is clearly demonstrated that the Geographic Research Area will not otherwise be able to meet intelligence requests of the highest priority within the allotted deadline. The legitimacy of stated deadlines should be established in each case in so far as it is within GRA capabilities to be verified as real before use is made of the Control Section Courier.

### CIA INTERNAL USE ONLY

### CIA INTERNAL USE ONLY

- b. Each Division of the GRA will designate an officer, and an alternate, who will determine the legitimacy of any request for the services of the Control Section Courier. The responsible officer will call the Chief, Control Section to inform him of the nature of any authorized request and to give him the location of the material to any additional information necessary to enable him to carry out the request promptly.
- c. The Chief of the Control Section will maintain a log of courier activities of the Control Section Courier. The identity of the requestor, the nature of the request including a statement as to what was carried, the points between which the service was rendered and the time involved will be included in the log. The log, complete with a summary, and any portinent remarks will be forwarded to the Ch/G each month. The log will not be part of the regular monthly report.
- a chauffeur. d. The Control Section Courier is not to be used as
- 3. The CIA Courier Service, Extension 2542, maintains a limited staff of special couriers who are cleared through Top Secret for the purpose of performing special courier duties. The CRA is to utilize this service whenever possible. If the CIA Courier Service cannot meet a CRA request, and if the requirements of 2. a. above are met, the Control Section Courier will then be called upon.
- 4. All other requirements for courier service which do not qualify for special courier handling are to be met through the regular whenever possible.

  25X1A



25X1A

Ch/G/RX

DRAFT 25 APR 1961

Dr. Allan B. Cole
East Asian Affairs
Fletcher School of Law and Diplomacy
Tufts University
Bedford, Massachusetts

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

Dear Dr. Cole:

I have received your letter of 12 April 1961 in which you inquire about the availability of maps on mainland China and Taiwan. We do not make a practice of publishing lists of our maps for public distribution, so I cannot fulfill this part of your request.

We have, however, published an atlas, China: Provisional Atlas of Communist Administrative Units, which has been made available to the public. I feel certain, however, that you are aware of this atlas as records available to us show that three copies have gone to the Fletcher School of Law and Diplomacy.

I would recommend that you write to Dr. Arch C. Gerlach, Chief, Map Division, Library of Congress, Washington 25, D. C., for assistance in procuring appropriate maps published by the United States Government. The Library of Congress maintains a photo duplication service whereby copies of maps and documents are made available for the cost of reproduction.

I hope that this may be of some assistance to you. Sincerely,

STATINTL

Otto E. Guthe

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MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MEETING, 25 APRIL 1961

25X1A

PRESENT:

## 25X1A 1. GRA Courier

brought up for discussion and review a draft memo with regard to the change in GRA Courier service to be effective 1 May 1961. As of that date, GRA will no longer have a special full-time courier; special courier service will be provided by the Control Section, D/GL, only for those urgent high-priority requests which cannot be met by the regular courier service. The memorandum announcing the change and cutlining the procedures to be followed will be distributed to each of the divisions.

## 2. Staff Study on IA GS-13 Positions

25X1A

announced that our staff study on IA GS-13 positions had been approved by AD/RR and will be included in the Planning Paper for FY 1962.

#### 3. Vacancies

Vacancies may now be filled with personnel of the same grade from within the same office without being advertised in a vacancy notice.

## 4. Task Force/Nuclear Test Ban Treaty

25X1A

A Task Force has been set up for intelligence support of the Treaty on a Nuclear Test Ban.

GG/S, is the ORR member of the Task Force.

## 5. Disarmament Administration

The Disarmament Administration is currently setting up panels on delivery systems, early warning, economic consequences of disarmament, and space. It is planned to have an Intelligence Officer on each panel.

### 6. External Research on Africa

25X1A

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The proposal for an External Research Project on Africa is now in the proposal-contract negotiation stage.

Initially, it is planned to make a study of 4 urban areas in Africa.

Approved Pod Reference 2000/08/16: CIA-RDP80-00531A000100010001-1

## CENTRAL INTELLIGENCE AGENCY WASHINGTON 25, D. C.

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In addition to your letter of 3 April 1961, I have also been able to examine the Personal History Statement which you satmitted to the Agency in Angust 1960 to aid me in answering several of the questions which you pose concerning work in the Agency. As general guidance, we are most interested in geographers who have a thorough basic training in a recognized department plus a well-defined specialization on some region of the world. The specialization should be backed up with a reading ability in the major language of the region.

Your question about approximate starting pay with your experience plus as MA or a PhD would therefore be difficult to answer precisely; it would depend first upon the content of your graduate work, how well you have succeeded in it, your shility to handle foreign language nuterials, and more information concerning the applicability of your experience in the UBAF serial photo-interpretation and cartographic job. If a person having an MA dapree meets our basic requirements as stated above and has no applicable experience, he would qualify for a GS-9 position at a salary of \$6,435.00 per annum; with a PhD, the entrance grade would be a GS-11 at a salary of \$7,560.00 per anount. Once an individual is proget into the Agency to do research or cartographic work, he is immediately in a competitive status with other individuals having a variety of combinations of degrees, years of experience, and abilities. In some cases, a Phil degree would give an individual an advantage in serving sheed into positions of greater responsibility, while in other cases individuals having only an MA degree in geography are sale to out-perform those with PhD's and thus nowe shead more rapidly. I think you can assume from this that we look apon the achievement of an MA or PhD as scenthing highly desirable for a candidate for one of our jobs, because it happens to be the accepted means of designating those who have gone through a program of formal academic education and assures certain basic requirements that we insist our employees have. However, the significance of degree attainment is minimized because exphasis is placed upon a demonstration of capability through performance.

STATOTHR

At the secret, we are interested in employing geographers who would meet our requirements for work on the USSR. If you would like and think you qualify, I would be glad to arrange for one of our field interviewers to contact you some time during the month of May. This would give us additional information about your graduate work at and bring us up to date on specific qualifications, as well as providing a better understanding of your experience with the Air Force. If you come to Washington, I would be happy to talk with you and discuss any other quentions which you might have.

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Distribution:

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ORR:Ch/G: jmc/4797(21 April 1961)

The following of the state of many of the state of the st

20 April 1961

MEMORANDUM FOR:

Chief, Administrative Staff, CRR

THROUGH:

Chief, Geographic Research

SUBJECT:

Request for Court Leave

- 1. I have received a summons for juror from the United States District Court for the District of Columbia. I am summoned to appear Thursday, 27 April 1961, at 10:30 A.M., Courtroom No. 19.
  - 2. It is requested that I be granted Cour Leave beginning

27 April 1961.

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Ch/G/RR

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Distribution: 0 & 1 - Addressee

APPROVAL RECOMMENDED:

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NA PRIMARY OF WILL.

MENGEANDUM FOR:

Army Headquarters Commandant

Military District of Washington

Washington 25, D. C.

ATTENTION:

Chief, Central Parking Control Branch

Room 1B858, Pentagen

SUBJECT:

Request for Extension of Code Trip Sign # 144

to 1 June 1962

The necessity for renewal of referenced code trip sign is to furnish adequate, on-the-spot parking space to the regularly established multiple-stop courier service handling volume mail, often requiring the loading and/or off-loading of large quantities of maps and documents to offices and departments located within the Pentagon area.

The government vehicle in question is a 1957 Chevrolet Sedan, Official Registration No. A-69158, Serial No. A-5713-211377, and 1961 Tag No. U.S. 1050.

STATINTL

Should any further information be desired, please call , responsible officer for custodianship of sign, on Code 163, Extension 8887.

FOR THE ASSISTANT DIRECTOR, RESEARCH AND REPORTS:

Security Officer

STATINTL

STATINTL

8887(20 April 1961) ORR: Ch/G Distribution:

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1 - St/A/RR

1 - Ch/G/RR

YSO Rooms 2214 (7-5)

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D/QG-13/61 8878

DSCB - ATTN: PROCUREMENT: GPB

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8,894.35

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1157-1022-6000

Deliver to redelivery to New Headquarters Building, Langley, Va. Upon receipt at depot contact for delivery instructions.

STATINTL

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NOTE: Item being ordered is the

same as the unit delivered to the MPIC in accordance with contract XG-2356/1/18016. ...

FCB: Destination

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VERIXR: No substitute -

The procurement of this item has been coordinated with the technical representatives of the MPIC. This viewer is compatible with similar equipment on losz to CRR from the NPIC. Further, this item is the only known viewer on the market that will meet our requirements.

This document is part of an integrated file. If separated frem the file it must be subjected to individual systematic review.

ATTN :



18 April 1961

SA to Ch/G/RR

STATINTL

Request by Brentano's, Paris, to Purchase a CIA Publication

Attached is a copy of the post card from Brentano's in Paris by which a copy of CHINA: PROVISIONAL ATLAS OF COMMUNIST ADMINISTRATIVE UNITS, 1959-was ordered for purchase. As mentioned in our conversation, we do not know the circumstances surrounding this request. Nor do we have any knowledge of the request stated to have been made in December 17, 1960. The requested publication was produced by the Geographic Research Area for use by libraries and researchers having a valid interest in China. A large number of copies were distributed to such organizations and others were sold to the public through the Office of Technical Services of the Department of Commerce. No distribution has been made to non-domestic recipients as far as we know.

This copy of the post card is forwarded for your retention and use.

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D-R-A-F-T jmc/4797 17 April 1961

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On this occasion of your retirement from Government service, your associates and I want to express our sincere appreciation for the many years of loyal and faithful service willingly performed on behalf of the work of this Agency.

You have shown exemplary interest, initiative, and devotion to duty during your 14 years of service, first with the Map Library in the Department of State and since December 1947 in the geographic work of this Agency. We especially commend your capability and conscientiousness in the highly important staff support of procurement activities in the area for which you have had responsibility. The varied activities of this Agency have been immeasurably aided by your effective performance.

You can take pride in having contributed a major part of your total career to serving our country's national security interests. We all extend our best wishes to you for many enjoyable years of retirement.

Sincerely,

Otto E. Guthe

The state of the s

ATTN :

St/A/RR

14 April 1961

SA to Ch/G/RR

25X1A

Nominations for Attendance at Special Intelligence Training Seminar, 24-28 April 1961.

1. The following Geographic Research Area personnel are nominated for attendance at the referenced seminar. The date following certain names indicate those days when those persons will not be available to attend. Those for whom no dates are given will be available at any time during the stated period.

<del>2</del>5X1A

Name

Dates Not Available



26 April 25 April

24 April 24, 26, 28 April

24, 25, 27 April

SUBJECT: Nominations for Attendance at Special Intelligence Training Seminar, 24-28 April 1961.

#### Alternate Nominees:

Name

Dates Not Available

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25X1A



26 April

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Brig. General Robert W. Smith Director of Intelligence Headquarters, Strategic Air Command United States Air Force Offutt Air Force Base Omaha, Nebraska

Dear General Smith:

Your letter of 13 February 1961 has been received in my office and I wish to thank you very much for your expression of priority interest in these strategically significant topographic maps of the Sino-Soviet Bloc. Statements such as yours, explaining the importance and critical need for topographic maps and geodetic information, play an important role in maintaining a high-priority collection effort.

Approximately one-tenth of the 1,500 topographic sheets (1:25,000) of East Germany have already been collected. We consider this success a firm indication of the possibility for further collection in the Satellites, the Soviet Union, and mainland China.

Your expression of need and interest in these materials, including the very material help which Sgt. Krunglevich is rendering in this program, is very much appreciated. I should like to give you my assurance that all efforts possible will be extended in the direction of obtaining the desired maps and geodetic information.

Sincerely yours.

OFFO E. GUFFE
Assistant Director
Research and Reports
P80-005314000100010001

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MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MEETING, 11 APRIL 1961

25X1A

PRESENT:			

#### Special Intelligence Seminar 1.

25X1A A Special Intelligence Training Seminar has been scheduled by the Special Intelligence Staff, OCI; five sessions are to be held for ORR personnel during the week of 24-28 April. GRA has been allotted asked that each Division submit 12 slots for this Seminar. nominations to him by COB 13 April.

25X1C

23

25X1A

discussed the need for moving ahead in recruitment of personnel for the Russian Collation Project. D/GG and D/GC were asked to submit memos spelling out recruitment needs so that this information can be passed on to the Office of Personnel.

#### Plaster Relief Models 3.

25X1A

asked for suggestions as to disposition of the Plaster Relief Models when we move into the new building. D/GL has made a listing of these models (51 in all), and this list will be circulated to ascertain possible interest within CIA. If not wanted within CIA, other disposition will be considered (possibly Library of Congress or Archives).

Proposed External Research Project: The Role of Geographers in the Soviet Union 25X1A

25X1A

mentioned that the AD/RR did not consider the proposed external research project on "The Role of Geographers in the Soviet Union" a worthwhile project as presently written up. suggested the proposal might be rewritten, showing the specific links between the role of geographers and missile activities, etc.

#### Studies in Intelligence 5.

25X1A

asked for suggestions for possible articles on geographic 25X1A intelligence for publication in "Studies in Intelligence". tioned he had been contacted by Sherman Kent regarding an article on "Map Procurement", but that he does not think such an article should be prepared for publication in "Studies".

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### 6. Move to the New Building

The group discussed problems anticipated in connection with our move to Langley. The question of what effect the move should have on vacation planning was discussed, and it was decided that all that would be required would be normal summer coverage. Other than the loss of time and production due to the move, the only major problem anticipated is that of security at the time of the move, especially with regard to the removal of bars from map cases.

#### 7. GRA Courier

Each Division Chief was asked to look into what is presently sent out and what is received in his Division via the GRA Courier (e.g., types and bulk of materials, addresses, etc.) Division Chiefs are also to give some thought to what tasks will be done by John after we move to Langley. This will be discussed at the next GRA Staff Meeting.

25X1A

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9 <b>.</b> 25X1A		reported	that	n/gc	had	received	a request	from DD	/P for
25X1A	ps for	LeboLoan	1/22CAV	2/00					

## 10. 1:5 million AGS Map Series Being Produced at AMS

reported it has been decided to make the legemes on the five sheets, and those on the Europe/Africa sheets previously printed and now up for re-run, compatible. In addition, these five sheets will be printed without CIA reference and will henceforth appear as an AMS product.

Records 6

ORR Vital Material Officer

10 April 1961

SA to Ch/G/RR

Vital Material Deposit Schedule of CRR, Cartography Division

- 1. The referenced Vital Material Deposit Schedule needs to be changed in one respect. In the column headed Vital Material Identification, Item No. 2 should be changed to read "negatives and/or originals of selected maps."
- 2. The data in the other columns should remain unchanged. A copy of the current Vital Material Deposit Schedule is attached for reference purposes.



STATINTL

Attachment: As stated above

Distribution:

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GVALUATIONS

Chief, St/A/RR

6 April 1961

Ch/G/RR

Review of Adequacy of Fitness Reports

- 1. I am passing on to you, as an enclosure to this memorandum, the comments from the supervisors in the divisions regarding their views of the adequacy of Fitness Reports. While there is some diversity, many of the comments tend to concentrate on the scale of ratings in Sections B, C and D and the lack of conformance between the rating steps in each of the three sections. I feel that it would be an advantage for you to review the write-ups from the Branch Chiefs in the Geography Division just to get the flavor of their points of view about Fitness Reports rather than having me try to consolidate them into an Area view point which would tend to overlook some individual but, nevertheless, important considerations.
- concerning the importance of the narrative description of a person's performance. I would even go so far as to suggest that the numerical ratings be dispensed with and the effort of supervisors be concentrated on developing a full statement of the individual's performance on the job in terms of his abilities, his personal characteristics which relate to job performance, and his determination—or lack of—to do the job to the best of his abilities. The second part of the statement to deal with the need for additional training or specific work experience, and the individual's potential for assuming greater responsibilities in the future.
- 3. The feature requiring the supervisor to show the Fitness Report to the employee, discuss it in full, and to obtain signature of the employee on the report should be continued as an essential device.

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Attachments: As stated above

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25X1A

25X1A

Chief, Administrative Staff

6 April 1961

Chief, Geographic Research

Personal Contact With Congressional Personnel

### GRA Personnel

## Congressional Personnel

Congressman Walter Horan, Washington

Dorothy Fordick, Legislative Assistant to Senator Henry M. Jackson, Washington

Racmi Brown, who works in the office of Congressmen Relph Scott, North Carolina

Senator Ervin, North Carolina (Contact socially in company of her family once or twice a year.)

John L. Teylor, Consultant, House Committee On Interior and Insular Affairs

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Congressmen Al Ullman, Oregon (Congressman Ullman is a friend of brother-in-law, and she sees him infrequently at family gatherings.)

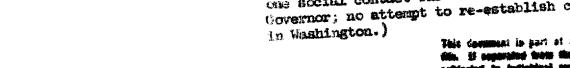
Congressman T. M. Pelly, Washington once worked for Congressman Pelly.)

John L. Taylor, Consultant, House Committee on Interior and Insular Affairs

Senator Frank J. Lausche, Ohio served as advisor on urban plenning problems in Cleveland during STATINTL Lausche's first election campaign for Mayor of Cleveland; later was invited to join his staff to reorganize the Planning Commission of Cleveland, but World War II intervened; one social contact was made while Lausche was Covernor; no attempt to re-establish contact

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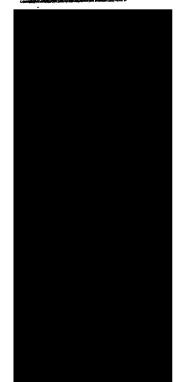
SUBJECT: Personal Contact With Congressional Personnel

#### GRA Personnel

#### Congressional Personnel

STATINTL

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Reserve University; had contact two years ago, through mutual friends, in Cleveland; no attempt to see him in Washington.)

Senator Jennings Randolph, West Virginia

Mrs. Marie Lantz, Administrative Assistant to Senator Randolph, West Virginia

John L. Taylor, Consultant, House Committee

Herbert N. Maletz, on staff of Congressman Emmanuel Celler, New York

John Waldron, Administrative Assistant to Senator Lister Hill, Alabama

william C. Welch, Administrative Assistant to Congressman from Rome, Georgia not sure of name of Congressman or that Mr. Welch is still working for him.)

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RUSSIAN COLLATION PROJECT

STATINTL

In conjunction with ACSI, ORR has initiated a major priority program designed to reidentify and locate important intelligence targets in the USSR. Comprehensive information on more basic

also being reanalyzed. The primary purpose of this program is to provide a better framework against which information on Soviet missile sites can be quickly evaluated. As a summary of existing intelligence on an area basis, the project will also provide a basic intelligence reference and guide for military planning. Steps have been taken to incorporate SAC's requirements in the program.

Distribution:
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2 -- Ch/G
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STATINTL

independent is part of an integrated fig. it separated from the lite it meat be appropriate to individual systematic review.

Chief, Administrative Staff, ORR

5 April 1961

Chief, Geographic Research, ORR

Estimated Requirements for Funds in Object Classes 100 Through 900 for FY 1963

#### A. Geographic Research

#### 200 Domestic Travel

5 trips of 4 days' duration to the eastern and mid-western US for consultation at government and academic research institutions.

200 Foreign Travel

No foreign travel contemplated at present.

600 Printing and Reproduction

None.

Other Contractual Services

None.

COO Supplies and Materials

Domestic

25X1A for miscellaneous supplies and materials.

Foreign

25X1A to fund appropriate spot purchases of maps and documents during scheduled foreign travel.

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SUBJECT: Estimated Requirements for Funds in Object Classes 100 Inrough 900 for FY 1963

## A. Geographic Research (Cont'ā)

200

Morro.

## S. Geography Division

# Personal Services and Allowances

The increase requested for the FY 1962 Operating Budget, covering ten additional people, of approximately should be continued in the Budget Estimate for FY 1963.

# Deriestic Travel

10 trips of 5 days' duration to eastern and mid-western UJ for consultation with academic centers of foreign area research.

- 3 brips of 4 days' duration to enstern UI for attendance at annual meetings of the Association for Asian Studies.
- 2 trips of 4 days' duration to mid-western US for attendance at annual meetings of the Association of Eastern European Affairs.
- h trips of 3 days' duration to ACIC. St. Louis, to coordinate NIS and other matters of mutual interest.
- 2 trips of 4 days' duration to Orlando, Florida, for attendance at the 5th USAF Symposium on Geodesy.
- 2 trips of 4 days' duration to western US for attendance at annual meetings of the African Studies Association.
- 1 trip of 5 days' duration to eastern US for attendance at the 20th annual meeting of the Institute of Navigation.
- 2 trips of 3 days' duration to Columbus. Onlo, for attendance at symposium on geodesy.

SUBJECT: Estimated Requirements for Funds in Object Classes 100 Through 900 for FY 1963

#### B. Geography Division (Cont'd)

Domestic Travel (Cont'd)

25X1A

I trip of 3 days' duration to confer with nonsultants on geodesy.

1 trip of 5 days' duration to a Florida city for attendance at annual Caribbean Conference.

25X1A

200 Foreign Travel

1 trip of 90 days' duration to

25X1A

1 trip of 14 days' duration to Munich, Germany, for attendance at International Distance Measuring Course, Technical Institute of Munich.

25X1A

1 trip of 30 days' deration to

25X1A

25X1C

I trip of 6 days' duration to

25X1A

25X1A

I trip of 45 days' duration to Latin America for area field study.

25X1A

1 trip of 2 weeks' duration to

1 trip of 60 days' duration to Africa for area field study.

25X1A

700 Other Contractual Services

25X1A

is requested to cover anticipated continuation and expansion of research on Africa South of the Schara. The funds would probably be obligated in a contract

SUBJECT: Estimated Requirements for Funds in Object Classes 100 Through 900 for FY 1963

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### B. Geography Division (Cont'd)

25X1A

25X1A

Other Contractual Services (Cont'd)

is requested to cover anticipated basic earth science research by the in support of the USSR Branch responsibilities which cannot be met by personnel on board.

Continuation of consultant services of at the same rate as in FY 1961 and FY 1962.

25X1A

25X1A

Supplies and Materials

Same as in FY 1962.

200 Equipment

1 electric typewriter, approximately \$500.00.

#### C. Cartography Division

200 Domestic Travel

1 trip of 6 days' duration to Aspen, Colorado, to attend the International Design Conference, June 1963.

2 trips of 4 days' duration to the eastern US to attend the annual meetings of the Association for Asian Studies.

2 trips of 4 days' duration to the eastern US to attend the annual meetings of the African Studies Association.

25X1A

3 trips of 4 days' duration to the midwest to visit governmental and commercial mapping installations.

2 trips of 3 days' duration to Holyoke, Massachusetts, to attend the Seminar Workshop in Visual Communications sponsored by the Tecnifax Corporation.

SUBJECT: Estimated Requirements for Funds in Object Classes 100 Through 900 for FY 1963

## C. Cartography Division (Cont'd)

## Foreign Travel

I trip of 3 weeks' duration to Western Europe to attend the 3rd Technical Conference of the International Cartographic Association, IGU. (This is included in the event the Conference is not held in the first half of calendar year 1962. It is also included in the FY 1962 Review.)

l trip of 45 to 60 days' duration to Africa to attend the lat Regional Cartographic Conference for Africa; to include Area Familiarization.

1 trip of 3 weeks' duration to Latin America to attend the Commission on Cartography Meeting, PAIGH.

# 25X1A Printing and Reproduction

An estimated to cover special map reproduction requirements that cannot be provided by the Agency.

## 

# Gopplies and Materials

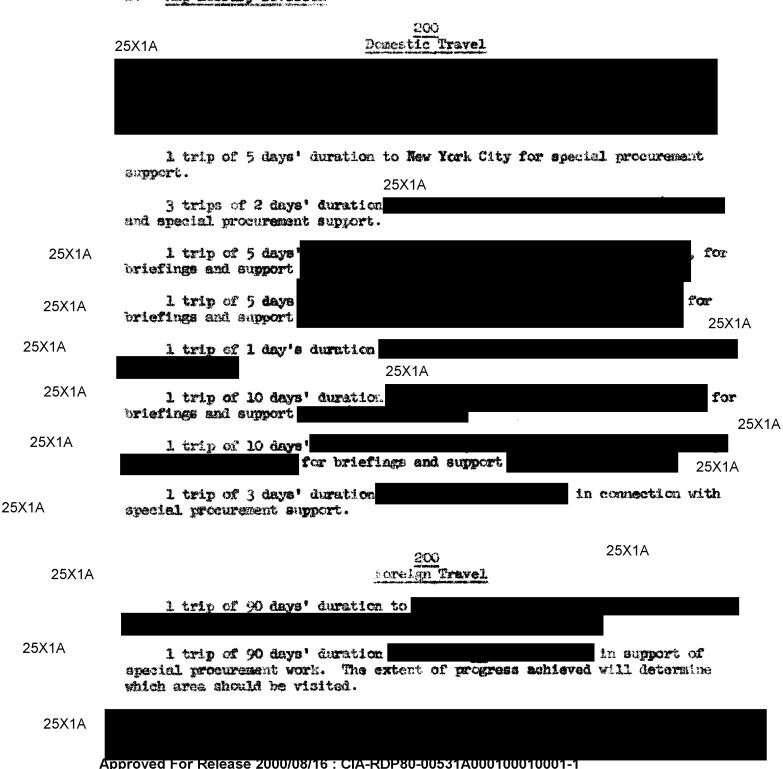
25X1A It is estimated that will be required during FY 1963.

25X1A

## ogui **pme**nt

SUBJECT: Estimated Requirements for Funds in Object Classes 100 Through
900 for FY 1963

#### D. Map Library Division



SUBJECT: Estimated Requirements for Funds in Object Classes 100 Through 900 for FY 1963

100 100 100 100

#### Map Library Division (Cont'd) D.

25X1A

25X1A

25X1A

Printing and Reproduction

for printing and reproduction.

Other Contractual Bervices

Total required funds for FY 1963 are in the smount of 25X1A for lamination of maps.

## Supplies and Materials

Total funds required are as follows:

25X1A Supplies..... Waterials .....

Equipment

25X1A

for equipment.

25X1A

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- 2 Ch/G

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SECPET

Chief, Administrative Staff, CRR

5 April 1961

Chief, Geographic Research, CER

Review of Operating Budget for FY 1962, Object Classes 100 through 900

#### A. Geographic Research

200 - Domestic Travel

No change.

200 - Foreign Travel

Add

1 trip of 3 weeks' duration to Buenos Aires, Argentina, to attend the meetings of the General Assembly of the Pan American Institute of Geography and History and the Consultation on Geography. (Postponed from April 1961 to August or September 1961.)

600 - Printing and Reproduction

No change.

700 - Other Contractual Services

No change.

800 - Supplies and Materials

No change.

900 - Equipment

Add

\$50.00 for snow tires for GRA automobile.

This document is part of an integrated file. It separated from the file it must be subjected to individual systematic review.



SUBJECT: Review of Operating Budget for FY 1962, Object Classes 100 through 900

#### B. Geography Division

100 - Personal Services and Allowances

25X1A

Add

Approximately to cover ten new personnel slots needed to conduct the Russian Collation Project. The CIA part of this long-term project--operated jointly by ACSI, Corps of Engineers, and the DD/I, at the latter's request--presently functions at the rate of 2.3 man years. By the end of September 1961, an agreed rate of production requiring ten man years will be reached. Resources to absorb this load not being available in the Geography Division, a request for procurement of new slots has been submitted to the AD/RR. The staffing authorization required by grade is as follows:

25X1A

#### 200 - Domestic Travel

Add

l trip of 5 days' duration to a Florida city for attendance at the annual Caribbean Conference.

#### Change

25X1A

5 trips to the western U.S. originally requested for the FY 1962 budget should be changed to 10 trips of 5 days' duration to eastern and mid-western U.S. for foreign area research. These trips relate to external research proposals now being developed for operation in FY 1962.

2 trips to coordinate NIS matters should be changed to 4 trips of 3 days' duration to ACIC, St. Louis to coordinate NIS and other matters of mutual interest.

- 2 -

SECLET

SUBJECT: Review of Operating Budget for FY 1962, Object Classes 100 through 900

### 200 - Foreign Travel

#### Delete

l trip of 14 days' duration to Munich, Germany, for attendance at the International Distance Measuring Course, Technical Institute of Munich.

l trip of 8 days' duration to attend the annual meetings of the Special Committee for Antarctic Research (location unknown).

25X1A

Add

1 trip of 60 days' duration to Africa for area field study.

### 600 - Printing and Reproduction

None .

### 700 - Other Contractual Services

Add

25X1A

In addition to the selection already provided for in the FY 1962 budget request for external research on Africa, two other requests are as follows: 25X1A

project on the role of geography and related earth sciences in Soviet military and civil programs. The USER Branch does not have sufficient resources to undertake the project internally. Most of the work can be done externally. The project would provide a better understanding of Soviet methodology and programs in area development, environmental research, and foreign penetration; it would also provide useful correlations of

SUBJECT: Review of Operating Budget for FY 1962, Object Classes 100 through 900

25X1A

personnalities, organizations, field techniques, and doctrines with other available intelligence in the fields of guided missiles, topographic map collection, and nuclear science. It is planned to explore the capabilities of to undertake the project. (An external research proposal dated 4 April 1961 covering this project has been submitted to the AD/RR for approval and has suggested the utilization of FY 1961 funds if these are available.)

Add

25X1A

25X1A

to cover a possible personal service contract with
for the preparation of external
research on Angola and Mozambique. The proposed contract has been discussed
with the AD/RR and tentative negotiations are currently underway with

(If it is possible to utilize FY 1961 funds for this
project, this should be done. If not, it should be provided for in the
revised FY 1962 Operating Budget.)

25X1A

800 - Supplies and Materials

No change.

900 - Equipment

Add

If the following new equipment which is required for the Russian Collation Project cannot be procured using FY 1961 funds, the items should be included in the FY 1962 Budget Review:

Quantity	Item	Cost	25X1A
<b>]**</b>	Richardson Viewer		
1*	Richards Light Table (Model GPL-940)		
2**	Light Tables (@ \$346 each)		
1**	Map Cabinet (flat), equivalent of		
4. *	3 sections-15 dravers with 3-way		
	combination lock(security-approved for Top Secret Materials)		25X1A
144	Flexowriter		(minimum)

<sup>\*</sup> Delivery desired as soon as possible \*\* For delivery to the new building

- 4 -

SUBJECT: Review of Operating Budget for FY 1962, Object Classes 100 through 900

Dispensers for regular and legal-size autostat paper, costing approximately \$50.00

### C. Cartography Division

200 - Domestic Pravel

No change.

#### 200 - Foreign Travel

Add

l trip of 3 weeks duration to Buenos Aires, Argentina, to attend the meetings of the General Assembly of the Pan American Institute of Geography and History and the Consultation on Cartography. (Postponed from April 1961 to August or September 1961.)

#### Note:

The 1 trip to Western Europe to attend the Third Technical Conference of the International Cartographic Association, IGU, may be held either in FY 1962 or FY 1963. This item was included in the Congressional Budget for FY 1962 and should remain. It will also be included in the FY 1963 estimates.

### 600 - Printing and Reproduction

No change.

700 - Other Contractual Services

25X1A

As of

will be

25X1A

#### Change

The following substitutions should be made:

Repair and maintenance of office and specialized cartographic equipment.....

Moving and reassembling special equipment to new building.....

For reproduction at AMS of the 1:5,000,000
AGS map series......

(Original estimate for FY 1961 was 30 March 1961, it is estimated that

obligated during FY 1961 with the remaining to be obligated during FY 1962.)

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DP80-0053

25X1A

25X1A

SUBJECT: Review of Operating Budget for FY 1962, Object Classes 100 through 900

### 800 - Supplies and Materials

No change.

900 - Equipment

25X1A

The FY 1962 estimate can be reduced as follows:

Photo-lettering equipment

Luminescent panels

Total

The new estimate for FY 1362 is as follows:

Composing Section Equipment

Replacement of light table tops

Replacement of worn type

Contact Printer

Total

#### D. Map Library Division

No change.

25X1A

Distribution:

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1 - D/GC

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2 - Ch/G

ORR: Ch/G:

:mmk/4797 (5 April 1961)

Assistant Director, Research and Reports

4 April 1961

Chief, Geographic Research

Proposal for External Research Support -- Soviet Geography

1. In October 1960, the Geography Division initiated a study on geographic and related earth science activities in the USSR (Enclosure 1, Project Initiation Memorandum 64.1863). The aims of the study were to determine the magnitude and character of geographic contribution to Soviet civil and military progress, to evaluate the principal geographic tasks, techniques, and organizations that are of intelligence interest; and to identify possible new targets and indicators of operational and estimative significance. Despite the Division's and my expressed interest in the study, the USSR Branch has been able to accomplish very little on it. Because of pressing requirements from other sources, I foresee no early likelihood of their doing better.

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2. Chief, USSR Branch, Chief, D/GG, and I feel that the study is a worthwhile piece of basic research that should go forward. It promises to contribute usefully to our understanding of Soviet methodology in

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25X1C

It also may lead to correlation of personalities, organization, field techniques, and doctrine that fulfill certain intelligence objectives in the fields of guided missiles, topographic map collection, and nuclear science.

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Since initiating the project, we have become aware of the and its already-established relationship

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to other Agency offices. Pending further investigation, this project would seem to be one that could undertake. I therefore be contacted to determine

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propose that its capability for undertaking certain basic phases of the project. In cur opinion this work could, with guidance, be done by any earth scientist who has command of the Russian language; a social scientist might also be appropriately. The completion of the external research project, the

acceptable. Upon completion of the external research project, the Geography Division would analyze the results and, following the addition of intelligence data, would publish interpretive special reports as appropriate. A draft description of the project for discussion with 25X1A

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is attached (Enclosure 2), as well as correspondence and a good Project Reports from the

listing of Project Reports from the sure 3).

This decement is part at an early the state of the state

SUBJECT: Proposal for External Research Support -- Soviet Geography

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4. If FY 1961 funds are available and if the has a capability for undartaking the project before the end of this fiscal year, there appear to be no tremendous obstacles in the way of getting the research started.

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Enclosures: 3 (As stated above)

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D-R-A-F-T JAB: jmc 4 April 1961



#### STATINTL

It is very heartwarming to receive good news about your progress in recovering speech and control of muscles. We are all pulling with you in your efforts.

The indomitable spirit based on a winning personality such as you have hed cannot be defeated. You have proven this all through the years since 1944 when you first joined the OSS unit.

During the 17 years of your work in the Map Library and Cartography Divisions, you made a substantial contribution in the development of improved techniques and services. For the past several years, while serving as Assistant Chief, Drafting Section, you helped in the development of the standard drafting specifications now in use in the Division. These contributions have been especially gratifying to us and they have earned the respect of your colleagues.

By your retirement the Agency has lost a respected man who can be proud of what he did as he worked cooperatively with his fellow men.

All of us join in the hope for your continued improvement to good health.

Sincerely.

Otto E. Guthe

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ORR: CAJG; JAB/Jmc (4 Apr 61)

Assistant Director, OFR

3 April 1961

Chief, Geographic Research

GA Contribution to the Semi-Annual Report to the President's Board of Consultants

REFERENCE:

AD,/RR memo of 16 March 1961

#### Schnomic and Geographic Intelligence Production

#### . Geographic Intelligence

The preparation of special geographic intelligence studies in response to developments in critical areas of the world continued to receive major attention. Analyses of physical and cultural geographic factors underlying the situations in Laos, the Faderation of Rhodesia and Myssaland, and the Congo were We see the security interests in these areas. mesearch was also undertaken on the Dutch-Independently dispute over West New Guinea.

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Extensive and varied support was provided on problems of multiple state intelligence. The total area of the USSR observed by all Western intelligence sources from January 1959 to February 1961 was calculated in an estimate for use in briefing the President on the deployment question. Geographic research was also concerned with the evaluation of incoming intelligence on specific Soviet missile sites and the assessment of Soviet capabilities in the secdetic positioning of intercontinental targets. We are increasing our attempts to develop new indicators of missile site

Similar work is being conducted in supports of guided-missiles intelligence in the rest of the Bloc. Research previously undertaken on surface-to-air and medium-range missile deployment in Fast Germany has now been extended to the other European Satellites. Attempts to

has not yielded substantial results thus far, but the method developed during the inverstigation is proving fruitful in following other aspects of Earst German air defense.

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SUBJECT: GRA Contribution to the Semi-Annual Report to the President's Board of Consultants

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will be of great and immediate significance if the disarmement negotiations between the US and the USSR prove successful.

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Further progress was made in fulfillment of requirements of the clandestine services and the Department of State for information on actual or potential boundary disputes and conflicting territorial claims in key regions of the world. In support of CIA's Task Force on Sinc-Soviet Relations, studies were prepared of those boundary situations considered to have potential for the exacerbation of relations between the USSR and Communist China.

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produced, reflecting the fundamental importance of these plans to operational, collection and analysis activities. Requests for increased operational detail are, however, stimulating a critical review of this program to determine the extent to which comprehensive annotations are appropriate in this phase of the program.

25X1C

In conjunction with ACSI, ORR has initiated a major priority program designed to reidentify and locate important intelligence targets in the USER.

25X1C

As a summary of existing intelligence on an area basis, the project will also provide a basic intelligence reference and guide for military planning. Steps have been taken to incorporate SAC's requirements in the program.

7

SUBJECT: GRA Contribution to the Semi-Annual Report to the President's Board of Consultants

As of 31 March 1961, 465 intelligence maps and charts were in process in the Cartography Division. This total represented an increase of 20 items or 6% over the total reported six months ago and includes all items in compilation, construction, editing, and reproduction. The number of components being supported by the Division, both in the Agency and the Department of State, have remained stable during this period.

### II. Major Intelligence Caps

#### D. Geographic Intelligence

lack of detailed information on the geography of interior areas of mainland China continues to be a major intelligence Cap. Large-scale, post-1949 topographic map coverage is unavailable, and the normal flow of Chinese Communist geographic conographs and periodicals, previously noted to be interrupted, has not resumed.

Priority research on Latin America is also seriously handicapped by inadequate source materials. Reliable large- and medium-scale maps do not exist for many countries, nor have accurate field studies been prepared for more than a handful of small areas. Aerial photographic coverage is spotty and outdated.

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Continued effort was directed toward alleviating the lack of essential information on human relationships in Africa. Exploratory contacts have been made by ORR with a total of five universities to determine their capabilities for fulfilling research contracts in this area. At the same time, a strong effort is being made within the government to pull together existing information for the Congo.

SUBJECT: GRA Contribution to the Semi-Annual Report to the President's Board of Consultants

There is a growing conviction that better information is needed on the magnitude of Sino-Soviet Bloc use of geography and related earth sciences in civil and military programs. In addition to improving our understanding of Bloc methodology and programs in area development, environmental research, and

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The capability

of a private research institute to undertake certain basic phases of this work as it relates to the USSR is currently being investigated.

The lack of post-World War II large-scale topographic maps covering the Sinc-Soviet Bloc remains a critical factor in limiting U.S. ability to accurately locate air and missile

25X1C

Support to WH/DD/P continued in an effort to provide minimum requirements for operational planning. Small-scale map coverage of newly created African countries has prevented adequate portrayal of intelligence in map form. Support to the various Agency components concerned with intelligence collection efforts continued during the period. Intelligence Collection received increased support. Guides and the

25X1A

#### Dissemination and Utilisation of ORR Products III.

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#### Geographic Intelligence 3.

A special briefing was presented to the Chief of Naval Operations on Soviet objectives and activities in Antarctica and their implications for U.S. defense tasks.

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Support continued to be

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provided to the Department of State in the coordination of U.S. plans for implementation of the Antarctic Treaty. In particular, intelligence assessments on Soviet objectives in Antarctica and the possible hostile use of the continent by the USSR against the Free World were provided to State, Defense and the JCS for use in planning for the implementation of the inspection provisions of

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SUBJECT: GRA Contribution to the Semi-Annual Report to the President's Board of Consultants

Soviet capabilities in the geodetic positioning of targets were described in a briefing for the President's Scientific Advisory Committee. Continued intelligence support concerning Soviet weakness in gravity meters was given to the Department of Commerce in connection with its proposal that COCCH add gravity meters to the international control list.

A special map and text briefing aid on geographic factors in the Lactian conflict was prepared on a crash basis in support of the U.S. delegation to the March 1961 SMATO meeting in Bangkok.

25X1B

In support of the increased tempo of area training activity at the Foreign Service Institute, CRR is undertaking an expanded program of geographic lectures on Far Eastern, Near Eastern, and African areas.

by the Cartography Division with major production supporting intelligence publications of the DD/I. Some components for whom graphics were prepared, such as State and the DD/P area, appreciably increased their requirements. The total of 841 items was distributed as follows: DD/I - 81%; DD/S - 2%; DD/P - 14%; and State - 4%.

Approximately 200,000 maps were provided by the Map Library to requesters in the intelligence areas during the reporting period. There has been a considerable upswing in the utilization of the products and services of the Map Library.

### IV. Guidance to Collectors and Intelligence Collection Activities

B. Geographic Intelligence

25X1C

SUBJECT: GRA Contribution to the Semi-Annual Report to the President's Board of Consultants

25X1C

25X1C

to produce support information has been improved by the additional manpower contributed to the effort by the Departments of the Air Force and Army. The Strategic Air Command has assigned on a full-time basis one person who is capable in several European languages. The Army Map Service is now contributing the services of one man full-time and two on a part-time basis. Our capability to exploit information on China has been significantly improved by the Army Map Service man who is capable in the Chinese language.

The requirement for topographic maps of the Sino-Soviet Bloe continues to be one of the first category priorities in the Priority National Intelligence Cajectives. SAC has re-emphasized the critical need for topographic maps in a recent letter to the Agency.

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#### V. Coordination

#### B. Geographic Intelligence

In coordination with the Army and Air Force, a special requirement on Soviet geodetic field operations has been completed with the objective of developing new intelligence clues on UNR missile

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SUBJECT: GRA Contribution to the Semi-Annual Report to the President's Board of Consultants

As an outgrowth of a briefing of the Chief of Maval Operations on Soviet Antarctic operations and subsequent meetings with representatives of ONI, a closer coordination in the surveillance of Soviet activities in Antarctics, particularly those involving portions of the high seas to which the Treaty applies, is being effected.

Periodic meetings of informal discussion groups on the Arctic, Africa, and Southeast Asia continue to stimulate exchange of vital information and ideas within the Agency and, in the case of Africa, within the Intelligence Community.

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jmc/4797(3 April 1961)

25X1A

#### S-E-C-R-E-T

13 April 1961

MEMORANDUM FOR: Assistant Director, Research and Reports

FROM:

Chief, Geographic Research

SUBJECT:

GRA Activity Report for the Month of March 1961

#### A. Major Research and Technical Support Activity

- 1. The Geography Division completed and disseminated two Geographic Intelligence Reports (GR L-61-1, Dominican Republic: Part V; and GR L-61-2, Brief on Mali); two Geographic Intelligence Memorandums (GM 61-1, Federation of Rhodesia and Nyasaland; and GM 61-2, Laos, Cambodia, Vietnam, Thailand, Zone of Conflict in Southeast Asia); and seventeen Geographic Support Projects during the month. Ten of these Support Projects were part of the Russian Collation Project, and two were contributions to the NIS Program. GP 61-36:L, Area of the USSR Observed During the Period January 1959 to February 1961, was prepared for use in a special briefing of the President and involved a virtually around-the-clock crash effort by the USSR Branch.
- The Cartography Division accepted requests for 159 maps and charts during the month and completed 140. At the close of the reporting period, there were 459 jobs in various stages of production in the Division. Major activities of D/GC resulted in the completion of the following high-priority projects: (a) Maps for two CM reports, one on the Federation of Rhodesia and Nyasaland and the other on Indochina. The former GM was prepared to fill an intelligence gap, and the latter was prepared under high priority in support of the scheduled SEATO Conference; (b) A Far East Profiles map, in cooperation with the Department of State. This is the third in a series of profile maps: maps have been completed on Africa and South America, and maps on the USSR-Satellites and on the Middle East are planned; (c) On request from the Department of State, seven maps covering problem areas of the world were rerun in quantity for distribution to the members of the President's Foreign Policy Briefing Conference held 3-4 April in Washington; (d) A detailed hypsometric map of Northern Laos was prepared under rush conditions for use by OCI for high-level briefings; (e) A two-sheet map of the US, showing Areas Closed to Foreigners, was completed for the Office of the 25X1C Geographer, Department of State; (f) were completed three new plans were received and sent to reproand forwarded duction for printing; and (g) Nine maps were prepared and 7 reruns processed as contributions to the preparation of a

25X1C

25X1C

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of March 1961

3. The Map Library Division forwarded 40,997 items to requesters in response to 2,274 requests for maps, related geographic publications, and reference information. Requests for maps of Laos, Cuba, the USGR and Africa predominated. Approximately 8,700 maps were forwarded for the Watch Office Collection; this project is now almost completed. Maps, in quantity, were forwarded to the Department of State for President Kennedy's two-day briefing of news editors. Booklets were to be prepared as handouts for discussions of the world situation. Significant items received by the Map Library Division during the month included the following: (a) new atlases on Denmark and the Union of South Africa; (b) 33 new topo sheets for Nepal; (c) a new four-sheet map of the "Republique du Senegal"; and (d) administrative maps of Yugoslavia showing recent changes in administrative boundaries. Also received was the "Report of the Officials of the Governments of India and the People's Republic of China on the Boundary Question", issued by the Government of India, Ministry of External Affairs.

25X1A

25X1A

25X1A

25X1A

the Map Library has received 3 copies each of at least 80 25X1A topographic sheets of Indonesia, at scales of 1:25,000, 1:50,000, and 1:250,000. An additional 36 sheets of a 1:10,000 series are on order, 25X1A together with all future production of new sheets in the above scales. These acquisitions represent an important breakthrough in a two-year stalemate of the mapping community's effort to obtain topographic sheets in multiple copies from the Indonesian Army Topographic Service (Djawatan 25X1A Topografi),

Support activities of the Special Collection Support Branch included the following:

25X1A

25X1A

25X1A

The preparation of background and briefing materials five-week TDY in the Far East required a considerable portion of the Branch's time and capability. departed on 19 March, and will visit Honolulu, Tokyo, Taipei, and Hong Kong

25X1A 25X1A

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#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of March 1961

25X1A

b. The Photo Records and Services Division, ACIC, is under pressure to increase the procurement of aerial photography covering many areas in Africa. In this connection, PRSD, visited the Branch to check into the possibility of CIA participation in the collection of some of this material.

#### B. Planning and Development

- 1. A memorandum was prepared and forwarded to AD/RR for use in discussing manpower needs created by the Russian Collation Project. The Project presently operates at an annual rate of 2.3 manyears, but by the end of September 1961 will attain an annual rate of 10 manyears.
- 2. Proposed new outlines and outline guides for NIS Chapter IX and Section 19, Chapter I, were approved by the Chapter IX Subcommittee and forwarded to the NIS Committee. The outlines, with a minor change, were subsequently approved by the NIS Committee, but final approval of the outline guides was deferred pending further review by the Army member. The NIS Chapter IX Subcommittee also reviewed the Chapter IX schedule for FY 63 and FY 64 in light of the new JCS priority listings. The original forecasts were found to be basically sound, and only a few changes were deemed necessary. The revised forecasts were approved by the NIS Committee on 21 March.

25X1A

3. An additional CBI request to update the information in a Chapter I that had been in CBI processing for an unduly long time was received during March. The Chapter IX Coordinator discussed the matter with the CBI Chapter I Editor, with the agreement that our contributors would not re-examine the information in the Section 19 but that a footnote giving the research cutoff date would be added in the Section 19 portion of the Chapter I.

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25X1C

5. Research on Project 60.1914, Geographic and Geodetic Surveys in Two USSR Areas, did not disclose any specific information for inclusion in NIE 11-8-61 (Soviet Capabilities for Long-Range Attack). The project initiation memorandum will be rewritten and expanded to include all areas

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of March 1961

25X1A	suspect of Soviet ICBM site development and research continued under 60.1914. Work has uncovered very useful information that 25X1 will be helyful in future phases of research.
25X1A 25X1A	6. Discussions with on external research for Africa are proceeding satisfactorily for work on the French-speaking areas. Chief, GG/N, had one meeting with

and two with

drafting a proposal for the first year's work. 7. A proposal for an external research support project on The Role of Geography and Related Earth Sciences in the USSR was prepared and

who is presently

25X1A

8. Consideration is being given by the Europe Branch, D/GG, to the need for an up-to-date series of maps of Eastern Europe, covering, in particular, railroads, highways, population distribution, ethnic composition of the population, and administrative divisions. With increasing industrialization in the Satellites and the growing importance of missile transport intelligence, the value of the transportation maps is especially great. Even in other fields, however, the available map coverage is out-dated. A series of short reports in the form of critiques of current source materials for the various subjects to be covered by the maps might also be desirable.

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forwarded to AD/RR.

10. Because of increasing demands from the Intelligence Community, the Map Library Division formally requested that the Cartography Division prepare a series of page-size maps on Africa. This request for 32 up-todate maps has been accepted by D/GC and preliminary work has been initiated. The Cartography Division believes the need for these maps is great enough to warrant overtime when practical and every effort will be made to complete the series with a minimum of delay.

25X1A

#### S-E-C-R-E-T

#### SUBJECT: GRA Activity Report for the Month of March 1961

25X1A 25X1A three-day break to enable him to attend the Afforth conference in Copenhagen, beginning 5 April. has postponed his planned mission to Bulgaria and Rumania until May; he plans to arrive in Vienna 25X1A early in April, to spend about three weeks in Austria. have no travel scheduled for April. 25X1A Photo Services and Information Division, AMS, to discuss Army requirements for serial mapping photography and exchange of information on serial mapping projects. As a result of this meeting and of previous discussions with 25X1A Chief of the Photo Services Division, recommendations have been made to CD/00 to broaden the dissemination of certain CIA reports on serial photography which have heretofore received limited distribution. C. Significant Outside Contacts and Activities 25X1A (St/I/SP) spent two days at SAC headquarters in discussions and briefings with division representatives in the Directorate of Intelligence. 25X1A 25X1A on work in the Geographic Research Area which applied to his interests and responsibilities. He was also briefed by the Far East Branch and Special Support Branch of Geography Division. spent 21 days in 25X1A the Cartography Division being briefed on cartographic techniques and 25X1C procedures. In addition to the briefing, was conducted on a tour of the reproduction plant. 25X1D 25X1A Chief, GG/K, conferred at length with 25X1A special assistant to the DCI on OCB matters, on the reorganisation of inter-departmental coordination previously conducted through Working Groups of the OCB. It has already been established that coordination responsibility for Autoretic activities would be transferred to State, 25X1A while Defense will continue its responsibility for the logistics of U.S. activities in the Antarctic. Stated it was his understand that the DCI desires to have Agency representation continued and that stated it was his understanding 25X1A should continue to represent the Agency at the coordination meetings to be organized and conducted by State. He offered to write a formal memo to the AD/RR to this effect, but it was agreed to withhold this until further developments indicated a necessity for it.

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#### 8-E-C-R-E-T

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25X1A

SUBJECT: GRA Activity Report for the Month of March 1961

	GRA city plan program with representatives of RSA who are engaged in
25X1A	adequate base for the city of Knytyshev than the one MEA was using.
25X1A	with MSA, to discuss the value of the East German 25X1A

6. The Africa Roundtable met 17 March to hear recently returned from and scheduled to go back in the fall of 1961. His contact with the group resulted in additional requests to meet with other agencies.

7. Motion pictures presented at the March meeting of the Arctic Area Discussion Group illustrated U.S. and Soviet research efforts in the Arctic and also showed the construction of the DEW line from inception to operational status.

geography of Southeast Asia during the month, while lectures on the 25X1A the geography of China at an OTR course. A number of appreciative comments have been received concerning the participation by D/GC speakers at FSI courses on their respective areas in February.

9. GG/N, presented a well-received two-hour lecture on North Africa to the Reserve Officers Group, ACS/Int., Eq. USAF, in the Pentagon.

10. The Cartography Division has made Branch-level working arrangements with the Navigational Science Section of the Hydrographic Office to utilize electronic computer tapes available in HO to support mathematical-cartographic requests made upon the Division. The use of these tapes will alleviate time-consuming hand computations which have required many manhours in the past.

Cartography Division on 22 March to discuss unclassified technical developments in cartography.

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## 8-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of March 1961

### D.

- The resistance of the Army MIS Committee member to Chapter IX Subcommittee proposals continues to be a problem. Army action at the MIS Committee level appears to be independent of recommendations made by the Army Subcommittee member and by the supporting Army staffs. Whatever the reasons for the Army resistance at the Committee level, the end result is delay in approval of the Chapter IX Subcommittee proposals. For example, the proposed Chapter IX and Section 19 outlines and cutline guides were carefully worked out with the Army contributors, circulated to Army for review, and revised to incorporate Army suggestions. Although the Army WIS Committee member had an opportunity to make suggestions at any of these stages of Subcommittee preparation of the outlines and outline guides, it was not until they reached the NIS Committee that he voiced a need for further study and modification by Army. There is no evidence that the "need" is based on more than personal whim.
  - 2. The Antarctic Staff, Department of State, has organized weekly informal (with no minutes or summaries of activity recorded) coordination meetings to replace the former less frequent meetings of the OCB Working Group on Anterctics. The purpose is to maintain full flexibility to meet inter-departmental problems as they occur. No attempt is to be made to prepare periodic reports on annual plans of operations or on the adequacy of MSC policy as was done under the CCB. Significant problems that cannot be resolved through the direct inter-departmental coordination process vill be referred by each departmental representative to his senior policy officer, presumably for resolution at one of the weekly luncheon meetings. It is still too early to judge the effectiveness of this arrangements since no Significant policy problems have as yet emerged. However, one can foresee difficulties because there has been no explicit re-statement of U.S. policy or concenitant assignment of responsibility to fulfill its objectives. A case in point is the groping about in the committee on laying out long-range U.S. plans in Anterctics. At the last meeting it was agreed that, as a minimum, U.S. operations for the next year should be reduced to a paper. It has been observed that neither Defense (Navy) nor NSF is currently pleased with what seems to be a leafly as a few or a leafly pleased. that this lack of explicit direction (previously formalised in MSC policy rapers and OCB operations plans) may undergut Mayy and NSF budget planning within their own departments for their respective activities.
    - 3. Contacts at AMS resulted in learning considerably more about aerial photographic coverage on the Dominican Republic than had been apparent from requests to Graphics Register. It is again evident that selection of svails able coverage has to be made by the parson knowing the specific nature of

#### S-E-C-R-E-T

SUBJECT: GRA Activity Report for the Month of March 1961

the job requirements; procurement can then be arranged by CR. Requirements vary from project to project and are often not suitable to transmit for routine CR action.

4. Priority problems and an excess of workload over capabilities continued to plague the Cartography Division. The increasing number of conferences, preparation of briefing papers and intelligence memorands and greater demands for supporting graphics for high-level briefing has been so great that work on less important projects, such as city plans, MIS base maps and other MIS production, and contributions in support of operational work of DD/P have suffered materially. Every effort has been made to fulfill committed dates but the stage is now reached where the Division will have to repudiate some of its promises in order to do the day-to-day rush jobs being requested of us.

#### E. Miscellaneous

25X1A

- l. GG/F, departed on 11 March for area familiarization travel in the Far East.
- 2. Members of GRA ettended the annual meetings of the Association for Asian Studies, which were held in Chicago from 27 to 29 March. GRA personnel visited the ASP-ACSM exhibits which were held in Washington, D.C. during the week of 20 March.

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3. GRA personnel attended a special Paramilitary Operations Orientation held from 20 to 24 March.

25X1A



- 1 AD/RR
- 1 Bt/A
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- 1 St/I/R
- 1 St/P
- 1 Ch/E
- 4 D/GG
- 3 = D/GC
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ORR: Ch/G: JAB: RAN: jmc/4797(13 April 1961)
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D-21-0-1

28 March 1961

MEMORAMDUM FOR: Assistant Director, Research and Reports

SUBJECT: Requirements for Special Collation Project

1. In September 1960, the DD/I proposed to ACSI that CIA and the Army Map Service jointly undertake a special mapping program on the USSE that would service a number of urgent requirements of the Intelligence Community. Emphatic ACSI acceptance of the proposal led to a project in which AMS is responsible for sheet preparation and reproduction and the CIA provides priorities guidance and supporting intelligence research. In compliance with a subsequent DD/I request, the Army Map Service has now been directed to establish special facilities and personnel billets that will permit increase of the cutput to a level of 30 sheets per month by the end of 1961. It is entirely possible that sub-programs involving different scales, content, or areas may become necessary.

- 2. By virtue of the CIA-Army agreement, the GRA has been committed for the first time in its history to a production-line research activity. We are feeling the pressure already and face an untenable position developing by fall. Allowing for savings anticipated from the increasing efficiency of our research procedure, a reduction in time currently invested in project organization, and growing expenditures for supervision and control as the volume of work increases, the average map sheet in the project will require approximately 55 manhours of work by GRA personnel. At present, the total load amounts to 2.3 manyears. By the end of 1961, or when AMS achieves the agreed goal of 30 sheets per month, the load will reach 9.9 manyears, extending over a time period of some 5 years. Any special sub-programs or maintenance requirements that are generated, as seem likely, will add to the load and extend the time period indefinitely.
- 3. It is imperative that we take early action to obtain resources for the Special Collation Project commensurate with the magnitude of the program. As presently constituted, the USSR Branch cannot fulfill its new obligations. The Special Collation Project has been carried to date by making the following sacrifices:

This deciment is part at an integrated the. If separated trees the 18th it reports be antiported to indicately systematic review.

SUBJECT: Requirements for Special Collation Project

#### Projects Stopped

14 Safe Area Studies (for SAC) PN 64.1745 12 Boundary Inventory reports (for State) PN 64.1801 Government Role of Geographers in USSR PN 04.1683 (self-isitiated)

### Projects Sloved

25X1C PH 64.1698 Ostrov Vorrozhdeniya (for USI) PN 64.1739 Sino-Seviet Boundary Study (for DD/P) PH 64.1844 Support of Sino-Soviet Task Force PN 64.1865

In addition, a slowdown in intelligence maintenance on certain regions and subjects has been necessitated. Even at the present rate of production, this situation involves an undesirable limitation of Branch responsiveness and capability. The further effect of scheduled increases in production would be to cancel all Branch projects, considerably reduce our intelligence maintenance effort on the USSR, and virtually climinate our ability to respond to requirements of other established priority programs on the USSR -- notably those of OSI, ERA, and the DD/P. Depending on how the load is apportioned (presently it is at the ratio of 3.5 D/GG hours to 1 D/GC hour) the situation also may have a serious effect on the Cartography Division.

4. Conditions in other branches of the Geography Division indicate that there is no relief to be found internally. The factors are essentially those described in Chief, D/GG's memo to the AD/RR dated 26 May 1960, "Clerical Problem". First, rigid NIS priorities and an intelligance maintanance effort that covers all areas of the world absorb nearly half of the available professional resources. The remainder has already been spread very thin in order to deal with new and growing intelligence production requirements on Africa and the Western Hemisphere. Second, for the past two years the Division has been forced to satisfy most crash requirements by temporary loans of personnel from one branch to another, in each case Cuba, Dominican Republic, Kurds (first stages), Sino-Soviet boundary disrupting substantial areas of work. Even at present, therefore, mone of the Geography Division branches is staffed at a level really adequate to carry out its over-all job. To accomplish the Special Collstion Project by Withdrawing resources from other branches will only cause similar descations of work of attested importance.

SUBJECT: Requirements for Special Collation Project

- the needed manpower from sources elsewhere in CRR or the DD/I. I see no need for an inter-Office task force after the fashion of the CMIF, no need for an inter-Office task force after the fashion of the CMIF, but it is quite possible that CCR will also have to reapportion or procure manpower in order to continue its supporting function. In the case of the GRA, I recommend that no less than 10 slots be procured, and that they be placed under active recruitment simultaneously with circulation of Position Vacancy Notices. Because of time lags involved in recruitment it will be necessary, of course, to arrange periodic transfers of personnel from other Branches or Divisions as the project grows. Recruitment in some of these cases would, appropriately, be directed toward filling the regional or technical positions affected.
- o. Organizationally, the Project and supporting slots should be located in the Geography Division. The end result for the present would be establishment of a Special Projects Section in the USSR Branch under the supervision of a GS-13 Senior Analyst. As sub-programs appear, a similar section (with appropriate transfers of personnel) would doubtless in time be required in the Far East Branch and possibly elsewhere.

25X1A
Chief, Geographic Research

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25X1A 0&1 -- AD/RR

1 -- St/I/SP

2 -- Ch/G | RR: jmc/4797(28 March 1961)

25X1A

St. March 1301

MONTHANDEN FOR: Chief, Cartography Division

Chief, Geography Division Canaf. Map Library Division

SIDJECT: CPR Butnet Substitual - Fiscal Years 1902 and 1903

THE REPORT Hemenmends iron Ot/A dated 22 Murch 1961,

cuo maject

1. Information is required from each CRA Division for use by St/A in the preparation of the Fiscal Year 1962 Operating Budget and the Fiscal Year 1963 Freliminary Estimates, and the Fiscal Year 1963 Office Estimates (Congressional Budget). Your submissions will be in four parts, as listed in Paragraph III of St/A's memo, and are due in 0/Ch/C on the following dates:

11. e	Fiscal	Target .	* * * * * *	 * * + * * * * * * * * *	3	April	1961
and de	in the other properties.	in to division all ballions in .		 , , , , , , , , , , , ,		at a Marine was added	

- g. Particul Statement..... 2 June 1961
- d. Attendence at Artfendical Sociaty facting......... 4 June 1961
- M. Attached is a copy of the referenced memoraphum from St/A which describes the information required, as well as copies of the Congressional Budget Submittal, Marrative Justification Statement, and Functional Statements for FY 1962.

25X1A

Chief. Geographic Research

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THRU:

Chief, St/I/RR Chief, St/A/RR 22 March 1961

Ch/G/RR (Acting)

25X1A

Amendment to Travel Request of 17 March 1961 dated

25X1A

- 1. It is hereby requested that the above-mentioned memorandum be amended to also include the attendance of at the Association for Asian Studies meetings which are being held in Chicago on 27-29 March 1961.
- 2. Affiliation with the Agency will not be divulged while attending the meetings.
- 3. Authorization for reimbursement of registration fee is desired.

25X1A

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#### Priority Listing of Information

- I. Missiles -- ICHM. IRMI. and SAN dites
  - a. Deployment sites
  - b. Support facilities
  - 3. Production facilities
  - d. this Tauthities
- II. Airfields and Seaplane Stations
  - a. Alignment, length of runway, and type of surface
  - 9. Support and Storage areas
- III. Buclear beersy
  - a. Production facilities
  - b. Commment plants
- IV. Biological and Chemical Warfare Plants and R & D Areas
  - V. Other Military Installations
    - a. Eaval Eases and Shinyards
    - b. Military camps and training areas
    - c. Storage areas
    - d. Selected radar and AAA sites (location approximate)
- W. Transportation
  - 2. All railroad lines and sours plus selected support facilities
  - b. The major road pattern
  - e. Say bridaes
- VII. Major Industrial Plants. Power Stations, and Selected Mines
- TIII. Selected Power and Telecommunication Lines
  - II. Unidentified Installations (some indication of function)
    - To Matter Clearcal and Tydrosete or logical Stations (location approximate)
  - VI. Wrben Aress
- HII. land-dae Patterns

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- a. Sultivated lund
- D. Forested areas
- a. Chalter belts
- HIII. ferrain and hydrography identified where possible

2 1 MAR 1961 memorandum no. 3521 25X1A VITABLANDIE! FUR: 25X1A SEMINATE: Realy to hesurends 25X1A 25X1A 1. Just price to receiving your letter and 25X1C requesting information on our holdings of the 25X1A topographic saps, the Map Library Division received a letter from 25X1A ecocorning this ambject. 25X1A found that the 2. In discussions with 25X1A AND representative has apparently been reticent in conveying information on the extent of US holdings of recent 1:25,000 maps 25X1A of East Correcty. This, according , bas resulted in a "cat and 25X1A made" gree on the part of did discuss some of 25X1A our recent ecquisitions with during his visit last namer. nituation is coefusing; however, we feel that it is entirely expecsesary 25X1A and harmful to our cause for the play this game. The following stems have been taken to clear the mirt 25X1A 25X1A 25X1C has discussed this situation with 00 of AME, and requested that AME furnish a complete index of 25X1A heldings of the new 1:25.000 shoets of East Garmany 25X1C be furnished and that corder of shorts desired either automatically or upon request from them. This will cover the sinets collected by the Army. The few sheets collected by the Agency, and any that may be collected in the future, will be 25X1C copied by as and forwarded through your Office. An index of coverage new swellable is enclosed with this memorandum. Please dote that the 13 shorts congrising one bloc on the index are con-25X1C This release has been obtained by us, trolled even though we understand that copies of these shorts have been by the collecting agency in the field. The 25X1C 25X1C reproduction of this bloc of sheets is sub-standard, as the sheets vere ghotographed vitis a Minox america. b. Two additional charts not shown on the index have been acquired by us, and efforts are now being made to obtain the proper 25X1C through your Office. Maturally, relesse for passing until release is cotsinui, we do not wish to announce that the almosts have been collected. We actually anticipate little difficulty in obtaining release for these and future collections. 25X1C and be assured that nothing else is svallable at this time. This decement is purt at an integralmi The same of the same of

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MUTURIN

25>	d. We are curious as to why this problem has not been raised during many discussions on this subject over the past two years. We would hope that they will reciprocate and provide as information of a missilar nature both as regards any conjustitions
25X1A	25X1C g. Comment that have some shorts of the we believe that they hold only the shorts given to them by the shorts of the we have no inculate of any additional shorts in their possession.
25X1A	
25X1C	
25X1C	
25X1C 25X1C 25X1B 25X1B	11 November 1950, that they have obtained topographic map series of the CDR. Copies of this sheet have been requested through the Army Map Service. We would like to know can provide us with information concerning the way the sheet was collected.  Information of this type will assist us to evaluate collection target organizations and personalities.
25X1A 25X1A	indicated that he would assist the special of the material microfilmed; however, ANS has not received any of the material to date. We are interested in obtaining this material and would appreciate your assistance in absorbing on the status of the microfilming job. We would also appreciate any assistance you can give to expedite this project.

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	25X1A
25X1A	The report on the Minth International Congress of Photogrammetry  propered by the control of second interest to the Map Library. Please
25X1A	convey our appreciation for the excellent report. He exictions others obviously made a concerted effort to collect information which would be madell to us in supporting map collection activities.
25X1A	O. The following references in the report are of specific interest and we would appreciate being informat of any additional information
25X1C	con mark on mark anni atan'i atan'
25X1C	
25X1C	Topographic-Geodetic and Cartographic Work in the UBSH" by V.F. Ivanov for This book provides a great deal of information on Soviet topographic temporage.
	25X1A
	Distribution: 0%2 Addressee
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	1 Ch/D/GL 1 GL/S

21 March 1961 Chief, St/I/RR Chief, St/A/RR THRU: ch/G/RR Request for Attendance at the Association for Asian Studies Meetings It is requested that airline tickets and advance per diem 25X1A and that arrangements funds be cancelled for D/GC, to attend the for same be made for 25X1A Association for Asian Studies Meetings on 27-29 March 1961. is to depart The proposed itinerary for 25X1A Washington, D. C. on 26 March and return to Washington, D. C. on 29 March 1961. Affiliation with the Agency will not be divulged while attending the Meetings. 25X1A Distribution: 0 & 1 - St/I/RR 1 - St/A/RR 1 - Ch/G/RR

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17 March 1961

MEMORANDUM FOR: Chief, Cartography Division

Chief, Geography Division Chief, Map Library Division

SUBJECT: Semi-Annual Report to the President's Board of

Consultants

REFERENCE: Memo from DAD/RR to Area and Staff Chiefs,

25 September 1958, subject: Guide Outline for Preparation of CRR Contributions to the Semi-Annual Report to the President's Board of Consultants on Foreign Economic and Geographic

Intelligence Activities

1. Contributions to the subject report, covering the period 30 September 1960 to 1 April 1961, will be due in O/Ch/G no later than NOON, Friday, 31 March 1961.

2. As in preceding years, contributions are to be prepared according to the instructions contained in DAD/RR's memorandum of 25 September 1958, modifying these instructions only to the extent that we discuss in somewhat greater depth the relative quantity and quality of intelligence information received from various sources.

25X1A

Chief, Geographic Research

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THRU	:	Chief, St/I/RR Chief, St/A/RR	16 Morch 1961	b <b>rc</b> h 1961			
			Ch/G/FR				
			Request for Travel to SAC, Gmaha, Nebraska				
			25X1A				
	25X	(1A					
25X1A	2. Permission is requested for Chief, St/I/SP, to travel to Omaha, Nebraska on 28-30 March 1961.						
			25X1A/ 5/				
		25X1A					
		Ch/G	/RR : mmk/8887				

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MINUTES OF THE GEOGRAPHIC HESEARCH AREA STAFF MEETING, 14 MARCH 1961

PRESENT: 25X1A Dinner for Sherman Kent 25X1A announced that a dinner is to be held for Sherman Kent on 21 March at the Shoreham: 100 tickets are available for Agency people at a price of \$6.00. asked that the Division Chiefs let him know ASAP whether they or any of their people would be interested 25X1A in attending. Exchanges Library Exchange 25X1C Highway Exchange 25X1A is to provide us with some information on this exchange and would like to know whether we have any interest. 25X1A Visit 25X1A will be in ORR for the week of 27 March: his schedule has not yet been set up. 25X1A 25X1A ù. Meeting with 25X1A 25X1A are scheduled to meet with tomorrow to discuss the capabilities of for undertaking external research. 25X1A 5. Maps for the OCI Watch Office 25X1A There was some discussion on the matter of providing the OCI Watch Office with maps during off-duty hours. As the present arrangement of having maps for the Watch Office in a map case in O/Ch/G does not seem to

meet CCI's needs adequately, with will meet with Support Staff, OCI, to talk over an alternative arrangement.

## 6. St/I Memo on "Planning for Office Collection Guidance During 1961-1962"

The group discussed the memo from St/I on "Planning for Office Collection Guidance During 1961-1962", with special attention to the planned "Country Handbooks". Requirements from GRA do not seem to fit into such a handbook. Our over-all needs are already covered in Military Attache requirements, Foreign Service collection directives, etc. One possible advantage to the Handbook might be in getting the Office requirements picture organized in a more satisfactory way. However, it is thought that such handbooks would actually be of little use to collectors, and consequently would not justify the large expenditure of man-hours required.

25X1A

#### 7. ACSM Meetings

reported that he plans to attend some of the ACSM sessions which are scheduled for the latter part of next week at the Shoreham.

ී. Geographic Memoranda

25X1A

brought up for discussion the increasing amount of time being required on the publication of GM's. It was suggested that there be a real effort to reduce complexities and get back to a more simple format.

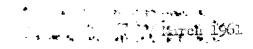
9. New Soviet Book Entitled: "Soviet Geography, Results and Tasks"

25X1A

suggested that it would be of benefit to both the intelligence and academic communities to have this book translated from the Russian. The various ways of getting the book translated were discussed, and it was decided that we would first attempt to have it done by the National Academy of Sciences through the AAG.

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## feedbarded on Boylet Photogramatry and Mapping

- 1. Topographic supplies in the USSR is controlled jointly by the civilian Main Administration of Geodesy and Cartography (Glavnoye Ogravianiya Gaodezii i Martografii -- CWE -- formerly attached to the WD and now to the Ministry of Geology and the Conservation of Matural Resources) -- Director: A. N. Perenov and the Military Topographic Administration (Voyenno-Popograficheskoye Upravleniye -- VMA of the Coneral Staff) -- Head: Lt. Gen M.K.Kuarymvtsev. Both are parallel, vertically-integrated organisations encompassing all basic functions including research, field survey operations, map compilation, and publication (Geodetic training in the militury organization is provided in the Military Engineer Academy and in the civilian sector by the Winistry of Higher Education). With and GUDE are headquartered in Moscow and survey operations of both are organized on a regional basis. The military mapping organization, which is smaller of the two, is responsible for the border regions and certain other areas considered important from a military point of view. The bulk of the country, however, is being surveyed and supped by a number of civilian organizations of which the largest, by far, is GUIK. Curveying and mapping in GUIK is conducted by the Topographic and Georgetic Service (Upraviselye Topografo-Geologichesky Slugby - N. T. Zeverse, Director) operating through a dozen regional Aero-gazdetic Enterprises (Aerogeodexichaskoya Prodyrightlys -- MIP). There is also a Cartographic Industry (Upraviouslys Nartografichesky Promychiennosti -- UPK) in QUBK operating nearly a dozen map plants located in some of the larger cities. The division of topographic map compilation and publication functions between the AGP and IFK is not entirely clear. It is known that most, if not all, of the topographic map compilation is purformed by the ACP, within which there is a stored and a map compilation unrishop. Whether UPK should be included in a photogrammetry exclusive is problematical, since there is no information to indicate that its map plants undertake photogrammetric compilation of topographic maps. The extension of security control to map plants appears to be associated with their printing of topographic that dreamings compiled by the AGP's.
  - 2. Soviet agreement to a pictogrammetry exchange will depend on their weighing a desire to excurage international exchanges against the which of disclosing information on specific surveying and mapping programs and operations. Such information is scrupulously excluded from Soviet goodetic literature. Soviet agreement, if obtained, will likely be on condition that the exchange be limited (at least on the Soviet side) to organizations engaged in purely scientific research and development. Thus may favoruble Soviet response may limit visits to the Acedemy of Sciences, and to the Moscow Institute of Dogineers of Geolesy, Muotogracestry and Cartography (Monkovskiy Institut Inshenerov Cecdesti, Acrofotow yeak! 1 Martografii -- MIDWAIK) and to the Moscow State University of the Ministry of Higher Mucation. It is not likely that the Soviets would agree to include the Novosibirsk Institute of Geodesy,

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Photogrammetry and Cartography (NIIGAIK) because foreign visitors are generally discouraged from visiting Novouldrak. It is possible that the Soviets might be prevailed upon to allow visits to the Central Scientific Research Institute of Geodesy, Photogrammetry and Cortography (Teentral'my Neuchno-Issledowatel'shy Institut Geodesii, Aeres'yezki i Martegrafil -- Tamilgain) of GUSK, the most important research and development center of its type in the Ulik. It is highly doubtful. however, that the Soviets would agree to visits to any of the AGP's because this would expose a production enterprise and its operational activities to Western scrutiny. Similarly, there is little likelihoxi of gaining entrance to the highly secret VIA or its Military Topographic Service (Voyenno-Topograficheskeys Slughts -- VIS) Even though the latter includes the Scientific Research Institute (Naucho-Issledovatel'skiy Institut Voyenno-Topograficheskoy Blushby -- RII VES) which conducts research for military surveying and mapping requirements. These assessments of probabilities, are not intended to discourage consideration of including them in an exchange proposal, but rather to indicate estimates of varying degrees of receptivity to visits by foreigners. In fact, one of the benefite of including all of these in a proposal (initial or subsequent) might be the discours at what organizational level such visits might be permitted. The attached Annen lists major organizations of interest to a photogrammetry exchange generally arranged in the order of the probability of access. The names of organizations and personnel are provided in the Amex and as such are not classified. In several instances specific references are provided to assist in explaining the knowledge. Others can be provided if necessary. 50thces

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J. Detailed background information is available in five CIA reports which have been disseminated . These are: CIA/RR-ER-b, Review of Soviet Photogrammetric Procedures (SECREF); CIA/RR-ER-5, Soviet Secretic and Photogrammetric Instrumentation (SECREF); CIA/RR-ER-7, A List of References to Soviet Photogrammetric Literature (SECREF); CIA/RE-SR-3, The Organization of Seviet Cacdesy and Cartagraphy (SECREF); and CIA/RR-ER-11, Soviet Education in Geodesy and Curtography (SECREF). Note recent information is available through a series of references to translated and untranslated articles assembled and attached to this mesonwards.

MINES: List of Selected Seviet Organizations and Personnel Concerned with Photogrammetric Dapping

## SECRET

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## List of Selected Soviet (remainstions and Personne). Concerned with Photographevric Aspoins

#### I. Resourch Organisations

- A. Acodemy of Sciences
  - 1. Department of Geological and Geographical Sciences
    - a. Laboratoriya Astrontodov. Elector: N. G. Rell'

Research on photogrammatric instrumentation end methodology. See Truly, T. VII, 1999, for an emcellent summary on developments in photogrammatry (as of 1997), and particularly IP. 5-9 on the organization, estivity and plane of the CHUK in photogrammatric sapping.

## D. Ministry of Historr Education

- 1. Moscow Institute of Engineers of Geology, Photogrammatry and Cartography. Director: Dr. P. S. Zakstov
  - a. Faculty of Aerophotogenokisy
    - (1) Chair of Photogrammatry.

Professor Dr. F. V. Drobyshev, Professor Tr. M. D. Sonshin, Dr. S. A. Skiridov

- (2) Chair of Aerial Surveying
- (3) Laboratory of Photogrammetry
- 2. Novosibirsk Institute of Sagineers of Geodesy, Photogrammary, and Cartography. Director: K. L. Provorov
  - a. Femulty of Cortography
    - (1) Photogrammatry Laboratory
  - 3. Moscow State University
    - a. Chair of Cartography and Geodusy
      - (1) Laboratoriya Aerometadov (Mescow)

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## C. Mails Administration of Coccesy and Cartography

- 2. Central Scientific Hesearch Institute of Geodesy, photogrammatry, and Cartography (TaNINGAIK), Messew. Director: A. S. Tatevyan
  - a. Aerophotographic Laboratory
  - b. Aerial Protography Division
  - c. Scientific-Research Experimental Workshop (NIPM)
  - G. G. Gerden, Chief Builder (Kenstrukter). One of the most important organizations in the USER in photogrammetric instrument development, especially new redic altimaters, statosecopes, gyrostabilized equipment, and radio-geodetic stations. This is in addition to the Favoi Asyo-sectoric eskible Instrumentov (Favoi AGI). Chief Engineer: B.S. Grishin/which in 1999 was described by D. F. Brobyshov as the main source for photogrammetric instrument production.
  - d. Principal personalities in the field of photogrammetry include:
    - (1) Professor Dr. Yu. V. Pilippov
    - (2) Dr. M. N. Rusinov

## III. Principal Organizations Excepts in Photogrammetric Mapping

- A. Acrial Surveying
  - 1. Chief Administration of the Civiliam Air Floot (GUEVF)
  - S'yemek

heriel surveying was transferred from GUK in 1952 to this organization. Field operations are conducted by its serial survey detachments.

- B. Aeromedictic Enterprises (MCP)
  - 1. Noscov
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- 3. Western (Minek?)
- 4. Okminian, Klyw
- 5. Worth Caucesus
- 6. Trum-Caucasus (Thilis!)
- 7. Svenilevsk
- dar distant.
- 9. Central Asiatic (Tashkant)
- 10. Kazakh (Alma Ata)
- 11. East Silerian (Irintsk)
- 12. For East or Yelotek (Yelotok)
- 13. Trans-Baylati (location unknown)

#### C. Military

Severally little unclossified information is available on Saviet military topographic organizations.

- 1. Recently in Geodesiye i Kortografiya, No. 1, 1960, an article on geodesy and cartography in WW II by Lt. Gen. M. K. Kidrynvtsev, Chief of the Military Topographic Administration (VTA) of the General Staff, makes references to "several topographic detachments of the Military Topographic Service (VTS) and to formation in 1961 of new military topographic detachments" and two new military topographic map plants.
- 2. Scientific Research Institute of the Military Topographic Service (MII VTS) is mentioned in several unclassified referenced. The more recent -- in consection with the study of dimensional stability of colored serial photography -- was in Goodesiya ! Kartografiya Sc. 1, 1959, p. 51.
- inya Fabrika in. Durayeva. /Atlas Mira (officers) 1959. Whether photographic compilation is undertaken at this plant is not certain but is believed to be a good possibility. It is probably located in Leningrad.

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#### httachments:

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- 3. Organizing and Planning Topographic-Geodetic and Cartographic Work, USSR, JPRS: 6268, 22 November 1960
- 4. Development and Present State of Photogrammetry in the USSR, Report U-4654, 16 September 1953 (Geodesia i Kartografia, Volume II, Bo. 1. np. 60-65)
- 5. Die Photogrammetrie in der Sowjatumion. Schweiserische Zeitschrift für Vermeseung, Kulturtechnik and Photogrammetrie, Volume 54, 80. 2, Pp. 44-48, 14 February 1956. (Translated by the Swiss from Zememerictvi (Preha), No. 11, 1953).
  - 6. Intellifer of Classified Documents (SECREF)
- 7. List of Aveilable Seviet Translations on Photogrammetry (For Official Use Only).
- 3. List of Untranslated Articles from Soviet Sources in the Field of Photogrametry.
- 9. References to Soviet books and periodical articles on Thotogrammetry (to follow later).

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#### S-E-C-R-E-T IKFORN

13 March 1961

MEMORANDUM FOR: Assistant Director, Research and Reports

FROM:

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Chief, Geographic Research

SUBJECT:

GRA Activity Report for the Month of February 1961

#### Major Research and Technical Support Activity A。

1. The Geography Division completed and disseminated one Geographic Intelligence Report (GR L-61-1, Dominican Republic: Part IV) and six Geographic Support Projects during the month. Among the recipients of these support projects were I/GM/RR, DD/P, and ATIC. The Division also reported on the completion of six sheets for the Russian Collation Project (GP 61-19 through 27) actually completed during December and January, but not previously reported. The USSR Branch, D/GG, worked virtually around the clock for two days in order to accomplish the first stage of PH 61.1916, Area of USSR Observed During the Period from January 1959 to February 1961. for use in a briefing of the President on 25 February. The full project will be completed in early March.

2. The Cartography Division accepted requests for 144 maps and charts during the month and completed 163. At the close of the reporting period, there were 451 jobs in various stages of completion in the Division. Major activities of D/GC centered on the production of a series of high priority requests as follows: (a) Four maps on the Dominican Republic were completed and sent to reproduction. (b) were completed, one and the first of two being 25X1C (c) Two special maps -- one on the Congo and one on Lace -- were prepared by the Special Support Branch for White 25X1C House use. (d) Nine prepared were processed in the Division. Six have been completed and forwarded 25X1C and three are in reproduction. To date, 23 of these have been printed for 25X1C (e) Three maps for the special handbook for the DCI were prepared in cooperation with OCI.

3. The Map Library Division forwarded 36,144 items to requesters in response to 2,208 requests for maps, related geographic publications, and reference information. Requests for all services increased over those for last month. Maps were sent to the Department of State for use by Mr. G. Mennen Williams, Assistant Secretary for African Affairs, on his trip to Africa. The Office of the Geographer (IER/GE) received multiple copies of page-size maps covering all world areas; page-size

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#### S-E-C-R-E-T NOFORM

SUBJECT: GRA Activity Report for the Month of February 1961

maps and political and boundary maps will be supplied to that office on a continuing basis as new maps are published. Wall maps were sent to the Foreign Service Institute for use in a new program of intensive courses on area familiarization.

- 4. Significant items received by the Map Library Division during the month included the following: (a) the "Atlas of Finland"; (b) 1960 administrative maps of Rumania and Bulgaria; (c) a 1960 electric power map of East and West Germany; and (d) a sample copy of a recent Yugoslav 1:100,000 topographic map.
- 5. Support activities of the Special Collection Support Branch included the following:

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a. In response to a Map Library requirement,

The document was transmitted to the Department of Geodesy, Army Map Service, for translation and evaluation. A preliminary review indicates that the acquisition may prove valuable in extending geodetic control of the area.

b. Sixteen new collection requirements, eight covering non-Bloc collection and eight for intelligence related to the special project, were transmitted to collection components for action. Follow-up action was undertaken on many existing requirements, especially on those connected with reporting on international conferences held last summer.

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a collection target analysis of China being prepared for use on his trip to the Far East, detailed work on a "map user" study on the USSR, the search for source leads in German, Polish, and Crech language material, and target studies on some of the European Satellites.

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#### B. Planning and Development

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1. Chief, D/GG, met with to discuss recent publications that are in violation of a coordination agreement previously reached with the GRA. D/GG comments on

#### S-E-C-R-E-T NOFORN

SUBJECT: GRA Activity Report for the Month of February 1961

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indicated he would propose to Chief, PMG, that the agreement be re-established. Further GRA action is under development.

2. The final draft of the new Chapter IX Outline and Outline Guide, previously distributed to Subcommittee members for review and comment, was approved with minor changes at the Chapter IX Subcommittee meeting on 28 February. A draft of the new Outline Guide for Section 19 of Chapter I was also approved. Copies of the amended drafts will be forwarded during the first week of March for NIS Committee review and approval. The Chapter IX forecasts for FY's 1963 and 1964 are being reviewed in the light of the new JCS priority listings and will be discussed by the Subcommittee at a meeting scheduled for 9 March.

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- 3. In response to increased pressure from the DD/P, the Western Hemisphere staff has been augmented by the project. A special of 4 to 5 weeks to work on the Dominican Republic project. A special request from the coincides with other work under way on the project, the terrain part of which will be realigned to incorporate this request. Some unexpected help on various parts will be forthcoming from a project recently completed by AMS.
- 4. A special purpose map program in support of the mission of the Army Special Forces is being undertaken in AMS. Coordination already effected with the Agency indicates that D/GG will be called upon to assist by making files and consultation available.
- 5. Progress on the American Geographical Society Project to prepare 17 special projection maps continues to be vary satisfactory. Final drafted plates of two have been received and are being checked preparatory to reproduction; the balance of the maps have been approved by the Cartography Division and are in various stages of compilation and drafting at AGS. The contract is on schedule and should be completed on or prior to the December 1961 deadline.
- 6. The Army Map Service contract for printing the five-map 1:5,000,000 Far East Series (AGS) also is progressing satisfactorily. AMS has reported that prints of the first two sheets will be completed by 30 June 1961 and the last 3 sheets by 13 October 1961.

#### S-E-C-R-E-T NOFORN

SUBJECT: GRA Activity Report for the Month of February 1961

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7. Continuing the search for a contractor for external research on
Africa, met with

on 27 February. This is the most promising contact to date,
and a second meeting is planned in Washington at suggestion

8. A proposal is being drawn up to utilize the general external
contract arrangement with

8. A proposal is being drawn up to utilize the general external contract arrangement with support on PN 64.1883, Geographic and Related Earth Science Activities in the USER.

9. Preparations for area familiarisation travel by are under way, aimed at a departure date of 11 March. Special attention is being directed toward advance notification to Embassies and Consulates en route of the traveler's impending arrival.

by GL/S, with departure scheduled for 19 March.

will stop in San Francisco, Honolulu, Tokyo, Taipei, and Hong Kong.

11. Final arrangements for the 20-24 March, have been completed -- geographers, cartographers, and one member of St/P/G will attend.

12. The Cartography Division, in cooperation with the Department of State, is continuing work on a series of "Profile" maps on critical areas of the world. Those on Africa and South America have been completed, the Far East is in progress, and two more -- possibly on the Soviet Bloc and the Middle East -- are in the planning stage. State has expressed gratification with the progress of this program.

13. Recent requirements of D/GG for GM reports have resulted in more than the usual number of top priority jobs in the Cartography Division. D/GC completed the GM on the Congo, reran Laos, completed the Federation of Rhodesia and Nyasaland GM for reproduction, and have Indochina and West Irian in progress. Since the GM's have developed in sophistication over the original concept, the number of man-hours required for them has increased significantly.

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14. The production of is being reviewed in detail by the Cartography Division. Since ACIC has a program of preparing for the line and AMS has initiated a similar program for the NIS, it is necessary to re-evaluate D/GC's program for DD/P. This evaluation will not affect the printing of prepared by

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#### B-E-C-R-B-T ROFORM

SUBJECT: GRA Activity Report for the Month of February 1961

15. Two basic map collections -- to include all world areas -- are being organized by the Map Library Division: One is being set up in the Office of the Chief, Geographic Area, for the exclusive use of the Watch Office; the other, in the office of the Coordinator for Maps in the Department of State.

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Building 11 Evacuation Officer, reviewed the Emergency Plan for Building 11 and, at the request of the CIA Safety Officer, prepared a roster of building personnel available to assist the OS Security Patrol in the event of an emergency connected with the building outside of working hours.

### C. Significant Outside Contacts and Activities

- 1. Chief/G briefed Generals Itschner and Hanner on a cooperative project being jointly undertaken by AMS and CIA.  $_{\rm 25X1A}$
- 2. Chief/G and GRA Division Chiefs briefed of the ONE Board on the activities of the Geographic Area.
- 3. Chief/G spoke to the JOT class on Geographic Intelligence Activities.

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"Geodesy and Space Age" sponsored by the Institute of Geodesy, Photogrammetry, and Cartography, the Division of Geodetic Science of OSU, and the National Science Foundation. Conferences were also held with a D/GG consultant to discuss his past activities and future plans.

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5. At the request of Chief, S/ED, conferred with Messrs. D. Rice, USC&GS, and D. Hockersmith and A. Tollin, Export Policy Staff, Department of Commerce, to discuss a reported use of gravity meters in guidance systems of ballistic missiles. It was ascertained that this was a misunderstanding of a speculative idea that

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no new information could be given to strengthen the U.S. position at the CCCOM conference.

#### S-E-C-R-E-T NOPORM

SUBJECT: GRA Activity Report for the North of February 1961

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25X1C 25X1C 7. At the initiative of GG/F.

spoke to a group periences in the

of persons from various intelligence units on his experiences in the critical Sam Neus area during the 1959-60 period.

- 8. Mrs. Eleanor Dulles, Department of State, met with the Africa Roundtable on 17 February and presented some of the conclusions on Soviet penetration reached on her recent three-month trip to Africa. She stressed the need for more knowledge about Africa in the United States and the importance of the Chicom effort there.
- 9. GG/S, attended a meeting of representatives from CRR and CCR with Colonel Milikin, U.S. Army, to discuss the availability of source material and other capabilities within CIA to support a new Department of Defense project. The project is to identify and assess the basic assets available to the USER for recovering from various degrees of destruction in the event of an all-cut war.

locatures at the Foreign Service Institute's Introductory Area Training courses, speaking on China, Scutheast Asia, and the Hear East (including North Africa). In addition, proceed to an OTR area course on China.

11. GG/N, participated in a "Country Meeting" sponsored by the Department of State. The purpose of the meeting was to assess station reporting from several countries in Africa and to suggest improved procedures for filling requirements.

D/GG, participated in a conference with St/I/SP and IR/OCR on problems of the machine coding of information in intelligence reports to permit recall on a location basis.

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#### S-E-C-R-E-T NOFORN

SUBJECT: GRA Activity Report for the Month of February 1961

13. Chief, D/GC, attended the Advisory Committee on Cartography of the National Academy of Sciences during which the forthcoming PAICH meetings at Rio de Janeiro were given attention.

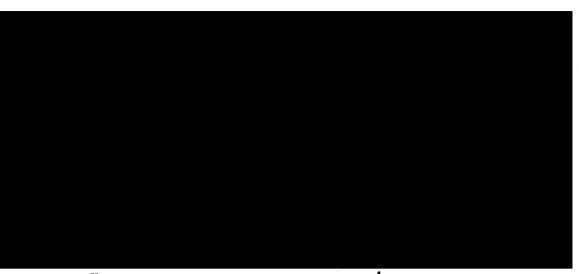
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of the Far East (which he took on a recent area familiarization trip) with commentary to an audience of about 75 people from DD/I and DD/P. In addition, he presented an illustrated lecture on the Philippines to the regular meeting of the Southeast Asia Discussion Group.

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16. The Special Collection Support Branch conducted the following meetings during the month:

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c. Numerous contacts were made with DD/P during the month. Frequent discussions were held with desks in SR, EE, WE, and FE Divisions concerning specific cases, new operational leads, replies to field inquiries, evaluation of targets, and various planning needs. Many required a considerable amount of liaison with other offices in and out of the Agency. Eleven operational memoranda, containing new leads and recommendations for collection planning, were forwarded to DD/P.

#### S-X-C-R-E-T BOFORM

SUBJECT: ORA Activity Report for the Month of February 1961.

#### D. Problems

- 1. The pressure of high-priority work during February has been as severe as at any time during the past five years. This is attributable in a large measure to the change of Administration and the attendant increase in requirements for briefing and other purposes. The Area is faced with the difficult problem of satisfying all high-priority requests as well as meeting the rigidly scheduled NIS and other long-range programs. Use of extensive overtime, although only a partial solution, will be necessary; in the long run, it is not a satisfactory answer.
- 2. As a result of conversations held with the Reproduction and Services Division relative to speeding up reproduction requests, special arrangements have been negotiated with the Coast and Geodetic Survey to process a portion of the overload. It is hoped that this will selve a serious problem of delay which has periodically adversely affected cartographic production.

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- selected by for it and other indicate again the basic problem of intelligence production and coordination within the Agency. The problem is in fact a segment of the larger one of inadequate communication between the DD/P and DD/I areas.
- 4. Considerable time was spent on the updating of the Section 19 of NIS 26, U.S.S.R., which was released by GG/C in June 1960 with a May 1960 cutoff date of research. Because of CBI delays in processing various other Sections of the Chapter I, we were requested to obtain from our contributors the necessary information to update the Chapter to January 1961. We recognize that it would be undesirable to issue a Chapter I in March 1961 with a May 1960 date; however, the request for updating at this time has the effect of penalizing those contributors whose material was submitted on time and needed little if any processing by CBI.

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Distribution: 1 - AD/RR 1 - Ch/E 1 - St/A 4 - D/GG 1 - St/I 3 - D/GC 1 - St/I/R 2 - D/GL 1 - St/P 2 - Ch/G

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MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MENTING, 28 FEBRUARY 1961 25X1A PRESENT: 1. Travel Plans 25X1A D/GG, leaves today for Latin America, where he 25X1A 25X1A D/GL, will leave on 19 March for a TDY in the b. Far East. plan to attend the PAIGH 25X1A meetings to be held in Rio from 3 - 14 April. New Assistant to the DD/I(NSC) 2. 25X1A Assistant to the DD/I(NSC) is leaving the Agency for a 25X1A position at the White House. Chief. D/M. has been appointed 25X1A to replace

#### 3. Consultants

Three high-level consultants are currently working in AD/RR's office studying applications of operations research techniques to the estimative processes.

#### 4. Briefing of the President

25X1A

The DCI briefed the President last Saturday on the missile situation. Chief, GM Task Force, was present at the briefing and said it was very well received. He indicated the work done by GRA analysts for this briefing was most helpful.

#### 5. USIB Central Requirements Facility

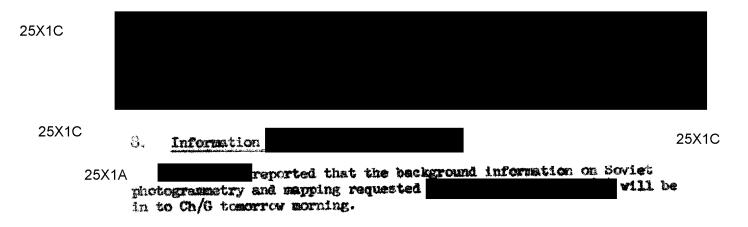
The USIB plans to establish a central requirements facility to handle all clandestine and signal intelligence requirements.

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#### 6. Task Force on Use of Data Processing Machines

A Task Force is currently studying the utilization of machines for data processing within the Agency. To date, they have spoken to only two individuals in ORR.



#### 9. Anterctic Accessions List

25X1A reported that the first Antarctic Accessions List will be issued next week. Future issues will be published as required, not on any regularly scheduled basis.

23 February 1961

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After careful review, I conclude that your article on Svalbard is not appropriate for publication as an CRR report. We, as geographers, are intensely interested in Syalbard, but there is no priority need at this time for an intelligence report on it. D/GG produced an article for AFCIN some time back (G/E 64, March 1957). and has treated Svalbard in special Arctic roundups for the DCI (G/I 59-52, October 1959) and State (GR 60-1, March 1960). We have not, however, identified any priority community need as such. Work that we might undertake in the future would undoubtedly be of a GM nature, generated by revived international controversy, or a spot analysis of some aspects of the island for DD/P, OSI, and the like. You might consider adapting the article for submission to the Geographical Review or some publication of the AAG.

Several of our geographers read over the article and suggested topics that you might consider including in order to make it a fuller presentation. I am passing these comments (on green and pink sheets) along for any possible use you would care to make of them.

Sincerely.

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"Geographic Intelligence Activities"

For presentation on 17 February 1961

Course: INTELLIGENCE COMMUNITY
AND ITS TECHNIQUES

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Chief, GRA/ORE

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they began to look around and adjust to, or attempt to modify, their physical environment. They learned where to get water and food, and build shelters; how to get from place to place in satisfying basic needs; where their neighbors were located; and the places to avoid. In early Biblical times, history tells of Moses' dispatch of agents to the land of Caanan for moving the children of Israel. Columbus, Henry Hudson, Magellan and other early explorers were seeking new lands over which their sponsoring monarchs could exercise control. In so doing, they collected vast amounts of geographic intelligence.

With the exception of astronomy as applied to the determination of the shape of the earth, determination of seasons and length of years, the systematic study of geographic factors has been largely accomplished in the last 100 years or so. The study of climate, weather, soils, vegetation, population, ethnic groups, geology, landforms, hydrography, and other elements have been studied in detail and mapped so that a better comprehension of the complexity of the earth's surface has begun to emerge.

The need for geographic intelligence in military operations has always been recognized, but it wasn't gathered and organized in any serious way until the Germans began to produce their military geographic studies prior to World War II. The United States prepared a topographic handbook for use in the punitive expedition into Mexico in 1916, but this was not a geographic study. British geographic handbooks appeared

shortly before the outbreak of World War II and became extremely useful geographic intelligence items. While aerial photography had been utilized in World War I, its true worth did not become appreciated until after the British success in gathering geographic intelligence which revealed German intentions after the debacle at Dunkirk. The United States, realizing its deficiencies in this field, plunged into the business of photo interpretation in a serious way after viewing the British success. Aerial photography does not, of course, reveal all intelligence, nor all geographic intelligence. It became necessary to begin detailed studies of the areas which would become significant in the conduct of the war. This activity involved geographic as well as purely economic and political intelligence. These JANIS studies were the first outgrowth of the need for intelligence of a comprehensive sort on various countries or areas of the world for use by our strategists in developing plans and policy in dealing with these countries and areas. Geographic intelligence was a significant part of the JANIS studies. The successor to the JANIS program is the NIS, which came into being after World War II and is being continued today. The NIS also incorporates a great deal of geographic intelligence in its treatment of the various countries of the world.

The possession of detailed intelligence affecting the character of areas is not in itself a protection against blunders. We all know that Napoleon overestimated himself in Russia partly through failure to appreciate the geographic factors of season and distance. Hence, he

suffered serious losses in his retreat during the winter. The British in India were surprised when the Japanese put armored vehicles into Northeast India over the "impassible" mountains and jungle along the boundary of Burms and India. The protracted struggle at Imphal and Kohima resulted. Today the New Lands Progress of the Soviets is struggling because it is an attempt to carry out agriculture in an area which is at best marginal in terms of dependable moisture and length of growing season. In our own country, we have seen dust bowls develop as a result of a disinclination to heed observable geographic factors which would indicate a different use for the land. Flood damage results even in our own country when houses are built on land which is subject to irregular but severe flooding. The signs are present to predict this sort of thing but are often ignored with serious results. The TVA and Columbia Basin developments are examples of activities which have proven successful and in which the geographic features have been carefully studied and allowed to affect the formulation of plans for these areas.

In CIA we find in the Geographic Research Area professional personnel who have been trained in geography to some depth, but who since coming with an intelligence organization must seriously identify themselves with the objectives, missions, and functions of that organization. This essentially means that they must develop the capabilities to utilize the methodology of geography in working on intelligence problems.

- 3 -

Let us look for a moment at a definition of geography. There are a number of ways of defining geography, each slightly different from the others. Many geographic philosophers have attempted over the years to develop a rational definition which would satisfy those currently working in the field, and at the same time maintain geography es a fairly specific field of scientific endeavor. Professor Richard Hartshorne is probably one of the foremout American geographers attempting such an objective. In his recent book on "Perspective on the Nature of Geography", I feel that he identifies those elements of the discipline that relate to our purposes. He first says that "The unique purpose of geography is to seek comprehension of the variable character of areas in terms of all the interrelated features which together form that variable character." He goes on to say that "Geography is concerned to provide accurate, orderly, and rational description and interpretation of the variable character of the earth surface." The interrelated phenomena of the greatest degree of heterogeneity of perhaps any field of science must be analyzed to gain a comprehension of the earth surface. The significance of geography is in the fact that it "seeks to describe and interpret the variable character from place to place of the earth as the world of man".

As intelligence officers we are concerned with man's activities, his achievements, his objectives in his own national and international setting. The human factor is a considerable one in geography in that human activity interrelates as a phenomenon with other phenomena to give a variable and off-time complex character to parts of the earth surface.

and methodology of geography to intelligence, we have more often than not found curselves in a problem-solving role — attempting to provide information to myriads of requestors to help them accomplish their primary missions. Geographic work — whether research, compilation of maps, or gathering and furnishing the latest foreign intelligence maps—becomes a supporting activity. This categorization does not depreciate the importance of the role of the geographer. Intelligence work must have the analysis and synthesis of integrations composed of interrelated phenomena to be utilized in planning operations, and in essessing man's planned activities in science, economics and politics.

description and interpretation of physical and cultural elements of parts of the earth's surface usually in relation to a specific intelligence problem or objective. The problem may be very broad in scope or extremely limited; it may cover a few or all of the geographic elements of a continent, a country, a group of countries, a minor subdivision within a country or any smaller unit of the earth's surface. In producing geographic intelligence, detailed analyses are made of terrain, climate, vegetation, soils, hydrography, natural resources, population and ethnic groups, political administrative units, and such cultural features as transportation, industry, agriculture, settlement, and communications. The location, nature, and areal inter-relationships of these elements are carefully studied in order to develop a comprehension

of the area or topic under consideration. The scope of the analysis necessary on specific problems will vary with the scope of the request and the limitations inherent in the problem.



It would require more time than available to cover the range of intelligence problems that come to us for study. Some in addition to those referred to previously may serve to develop a fuller comprehension of the scope of geographic intelligence activities. Here are a few:

In determining the nature of the conflict that could arise over the nature of the China-Burma Border and the possible solutions to this problem, an analysis had to be made of the terrain of the disputed areas, identification of the ethnic groups involved, and the succession of boundary claims that have existed in the area with documentary and statutory bases for them.

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At the time the USSR inaugurated the New Lands Program, we were asked to analyze the geographic factors which would play a part in the success of this extension of agriculture into marginal areas. The elements of soil, climate, were important factors that had to be analyzed in order to determine their capabilities for expanded grain production.

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This

correlation served to eliminate vast areas so that collection efforts could be directed toward the few that met the conditions established by the criteria.

In the field of communications, we are currently developing special projections which lend themselves to determination of the effective range of communication facilities for either the collection of electronic intelligence or other broadcasts.

The Geographic Area traces its origin back to 1941 when in the CHE there was established a cartographic and map library effort. During the latter part of the war the need for map analysis and evaluation led to the establishment of a nucleus of geographers who for the most part fulfilled requirements for map evaluation work in the JANIS publications. The capabilities of this group for analytical geographic work led to its full recognition as an essential part of a geographic intelligence program. And so today the Geographic Research Area is made up of three units, the Geography Division, the Cartography Division, and the Map Library Division.

The Geography Division, as I have already suggested in developing the concept of geographic intelligence work, prepares written geographic intelligence in response to intelligence problems. It also initiates projects to fill intelligence gaps or to give useful and needed geographic analyses of impending problem areas and evaluates newly acquired geographic graphic materials of value to the intelligence community.

25X1C The kinds of reports produced are for:

b. Map Evaluation -- NIS Chapter IX.

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- d. Sino-Soviet Bloc activities in geodesy, gravimetry, and mapping.
- o. Contributions to NIE's.
- g. Special analyses on regions of intelligence concern, both areal and topical.
- E. Current geographic intelligence, Geographic Intelligence
  Memoranda, Current Map Analyses, Ad hoc support of OCI, DD/I and the
  DCI.
  - h. Foreign activities in the Antarctic
- 1. Missile Intelligence Support, including studies of Test Ranges, Site Analyses, and Approach Route Studies.
  - j. Boundary and Territorial Problems

The Cartography Division develops and maintains competence in basic geographic elements -- prepares maps and charts and other cartographic support at the request of Agency offices, the Department of State, and other USIB agencies. Maps are a distinctive and important part of geographic intelligence. They add clarity to intelligence writing or stand on their own in presenting complex distributional relationships.

It is the production of the special subject map which distinguishes the work of the Cartography Division from that of other mapping organizations. We produce about 1800 maps, charts and graphs annually, many of them for the NIS, current intelligence weekly, national estimates, economic and geographic studies, and clandestine operations support.

The Map Library Division is responsible for maintaining an up-to-date collection of maps, both foreign and demestically produced, for the use of this Agency and others in the intelligence business. The collection consists of an estimated two million map sheets, primarily special subject consists of an estimated two million map sheets, primarily special subject maps as opposed to the large-scale series or topographic maps found at 25X1C AMS, ACIC, or the USGS.

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Heavy emphasis is placed on procurement,

Exchanges, parchase, and

the tracking down of obscure items

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account for some 60 to 70 thousands of map sheets per year

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which are added to our own and other agencies' collections.

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Incoming maps are catalogued, indexed, filed and maintained in a state of readiness to meet requestors' requirements. Coordination with other map repositories for information on new acquisitions results in the Approved For Release 2000100/1600CPA-REP 80-00531A000100010001-1

- 10 -

Our Reference Branch helps the requestor get the maps which best meet his needs. They also provide general geographic information on place name spellings, location of places, and have for reference use a collection of atlases, gazetteers, and guides.

In summary, geographic intelligence is a coordinated product resulting from the combined efforts and capabilities of the three divisions of the Geographic Research Area. Also, the substantive analysts in other offices of CTA and in other agencies are consulted in the process of preparing the report, map, or activity. Geographic intelligence is always focused on a specific intelligence problem.

Chief, Administrative Staff, ORR

6 February 1961

Chief, Geographic Research

OHR Mid-Year Budget Review, FY 1961

REFERENCE: Your Memo of 30 January 1961, same subject

1. A review of the FY 1961 Ch/G budget items is as follows:

200 - Travel

Domestic

No change.

Foreign

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One trip or approximately 3 weeks' duration to Rio de Janeiro, Brazil, for attendance at meetings to be held 3-14 April 1961 of the Consultation on Geography and the General Assembly of the Pan American Institute of Geography and History (PAIGH).

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2. There is no change in any of the other Object Classes of the budget for O/Ch/G for the remainder of FY 1961.

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2 -- Ch/G

ORR:Ch/G:JAB:jmc/4797(6 Feb 1961)

Assistant Director, ORR

3 February 1961

Chief, Geographic Research

GRA Personnel on Duty After 1:00, 3 February

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Division  Geography Division (from 1:00 to 2:30) (from 2:30 to 5:00)	5xtension 3791 3791
Map Library Division	3793 3 <b>793</b>
Cartography Division	4850
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Distribution:

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Detailed field study of physical, economic, and social conditions in areas of west, central, and eastern Africa has been completed by several analysts in preparation for subsequent geographic analysis of rapidly developing situations of intelligence concern.

Given to AD/RR -- to be added to Highlight Statement on Africa (P.7) for DD/I's Briefing Paper for 1960\_7

This decument is plot as an imageness the. It superated from the the it med be subjected to individual systematic review. S-B-C-R-E-T NOFORN

This despends to part of an integrated file. If separated from the file III must be exhibeted to individual systematic review.

9 February 1961

HEMORANDUM FOR: Assistant Director, Research and Reports

PROM:

Chief, Geographic Research

SUBJECT:

GRA Activity Report for the Month of January 1961

#### Major Research and Technical Support Activity À o

1. The Geography Division completed and disseminated two Geographic Intelligence Reports (GR 60-3, The Roads of Yugoslavia, and GR L-61-1, Dominican Republic, Part III) and thirteen Geographic Support Projects during the month. Four of these Support Projects were contributions to the NIS Program; other recipients included DD/P, SAC, OSI, I/GM, and the Sino-Soviet Task Force.

The Cartography Division accepted requests for 155 maps and charts and completed 92. Major efforts of the Division were directed 25X1A towards the following: (a) Two Rand McNally Road Atlases were handcolored for the Department of State to show in detail all areas of the U.S. closed to travel by Soviet citizens. (b) Nineteen new maps and 15 reruns were prepared for two reports on the Congo and Laos. (c) Five maps were delivered to St/I and one target 25X1C location map for the Satellites Program was completed.

3. The Map Library Division forwarded 41,158 items to requesters in response to 1,632 requests for maps, related geographic publications, and reference information. There was a heavy demand for maps on Africa, the Congo, Cuba, and Laos. The DD/P, the major requester this month, received 20,475 maps in response to 241 requests.

4. Support activities of the Special Collection Support Branch, I/GL, included the following: (a) Seventeen requirements for information were prepared: Il relating to the special project and 6 to the collection of maps and serial photography of non-Bloc maps.

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with Mr. Stearns, Planning Division, AMS, and Mr. Lewis, Geodesy Division, to discuss AMS requirements for Russian mapping of Northern Afghanistan. briefed the

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representative 25X1C to CIA on Sino-Soviet Bloc topographic mapping, by arrangement of ONE and GG/E.

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SUBJECT: GRA Activity Report for the Month of January 1961

# B. Planning and Development

- on a proposal for treatment of Chapter and Section titles for the new cutline. The Subcommittee also came to the conclusion that the earliest NIS Area on the FY 1962 schedule with which the new format could be put into effect without considerable loss in Army research time was NIS 21, Yugoslavia. These conclusions were forwarded to the NIS Committee for consideration. At the NIS Committee meeting of 24 January, the title proposal was adopted with one minor change. In addition, the Army NIS Committee member agreed to re-examine the Army production problem and determine whether it would be at all feasible to begin the new format with one of the Chapters IX scheduled prior to NIS 21.
- 2. A new and greatly changed JCS priority list will require reconsideration of the Chapter IX schedules for FY 1963 and FY 1964. Insamuch as the Chapter IX Subcommittee had already taken cognizance of world changes in devising the present schedules, it is likely that little revision will be needed.
- 3. The first draft of the new Chapter IX outline guide is nearing completion. Conferences have been held with ACSI, OCE, AMS, and ACIC to discuss the portions relating to the contributions for which these agencies have responsibility. Present plans call for distribution of the outline guide to Chapter IX Subcommittee members by mid-February for review and comment prior to a Subcommittee meeting to be scheduled for late February.
- 4. Because of a change in the concept of the NIS Chapter I Annual, a Section 19 portion will no longer be required; the last of the Chapter I Annuals to be prepared under the old concept was NIS 29, Jordan. However, four additional Chapter I contributions will be required commencing in FY 1962.
- 5. As a response to the proposal of OBI to increase production of Chapters I from 8 to 12 per year, the Cartography Division has submitted a memorandum pointing cut the inability of the Division to meet an enlarged schedule with the man-hours presently available.
- 6. The progress of the Cartography Division's contract with the to produce special projection maps is very satisfactory. Freliminary sketches of all 17 have been submitted and 2 are scheduled for delivery by mid-February.

S-E-C-R-E-T NOFORM

SUBJECT: GRA Activity Report for the Month of January 1961

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discussed the possibilities of external research on Africa no workable arrangements could be developed. It is planned to pursue the matter further

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- 8. The feasibility of an external research contract arrangement 25X1A to compile some of the data for the Soviet geographic science project is being explored.
- The Russian Collation Project, formally initiated in January, is now occupying much of the time of five analysts. In addition, it will require updating and reorganization of some portions of this the request relative to USSR Branch files.

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- 10. Several projects were cancelled by the Geography Division during the month because the need for a formal study no longer exists. In addition, the six uncompleted Chapter I Annuals on the FY 1961 schedule were cancelled in accordance with the changed concept of the Annual. Two projects of a continuing nature were initiated in order to more clearly align work of the Special Research Branch with current requirements:
  - 69.1910....To estimate Soviet problems and capabilities in the geodetic positioning of existing and planned missile launch sites in the U.S.
- 25X1A

69.1911....To provide continuing intelligence support on Soviet developments and capabilities in geodetic positioning to be given in the form of briefings and short papers.

12. During February D/GG, will begin a special

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4-month map procurement mission, to include France, Spain, and Portugal, D/GG, will begin a similar mission to Brazil, Venezuela, and Colombia.

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SUBJECT: GRA Activity Report for the Month of January 1961

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### C. Significant Outside Contacts and Activities

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1. Chief, D/GG, joined Chief/G in conferring with
on the capability
to undertake external research work for the Geography

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Division.

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2. The Southeast Asia Discussion Group has been reactivated (with leadership back in GG/F) and will meet on 2 February, at which time will give an illustrated presentation featuring slides of the Philippines.

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has been contacted with regard to addressing the Group at a later meeting. The African Roundtable meeting of 13 January 1961 featured an excellent 90-minute sound-color film of tropical African environment, entitled "Masters of the Congo Jungle".

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Chief, GG/X, attended a meeting of the OCB Working Group on Antarctica, which is continuing work on the preparation of a guidance paper on future objectives and methods to strengthen the United States position in Antarctica and to implement the inspection program under the Treaty. He also attended the first meeting of the Working Group's Panel on Mapping whose function is to prepare a statement of U.S. mapping objectives, plans, and priorities for implementation.

- briefed Messrs. W.T. Peterson and C.R. Seeger,
  Scientific and Technical Intelligence Center, ONI, on the new interagency
  requirement for information on Soviet geodetic activities. This completes
  the all-source coordination with all three Services. Mr. Peterson is to
  determine Navy missile units' interest in supporting the requirement at
  the inter-departmental level.
- 5. The Antarctic Staff, Department of State, consulted on a problem brought about by the denial of a visa to a foreign grantee of an NSF Antarctic research grant. The problem has led to clarification of procedures required before an expanded employment of foreign scientists can be developed.

### S-E-C-R-E-T NOFORN

SUBJECT: GRA Activity Report for the Month of January 1961

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- 6. At the request of AD/RR, GG/S, participated in a conference organized by the Coordination Group of the Office of the Chief of Staff, U.S. Army, to discuss the military potential of the Arctic.
- 7. The Geography Division, with Chief/G, assisted Dr. Leonard S. Wilson, Army Research Office, in determining the advisability of continued Army sponsorship of a research contract relating to Central Africa.
- 8. As a follow-up to a recent briefing of the Cartography Division visited Fort Belvoir to examine the requirements guides being produced by the USAF 1157th Field Activities Group.
  - to St. Louis to confer with ACIC personnel concerning substantive problems related to the special 1:500,000 maps of West China prepared for CIA by ACIC. While there, they also received a number of useful briefings covering a broad range of ACIC activities.
  - 10. The Special Collection Support Branch, D/GL, conducted meetings as follows:

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- a. met with Major Kuhn, ACSI Mapping and Geodesy Division, to discuss a proposed mapping project in
- b. Two officers from the Air Force's 1127th Field Activities Group, Fort Belvoir, visited the Branch for briefing on the special project and discussion concerning the explcitation of Air Force sources. Direct liaison with the Group was established and arrangements were made for briefing appropriate Air Force sources on special project requirements.
- c. Mr. Gerald Johnson, Chief, Geo-Science Branch, ACIC, visited the Special Collection Support Branch for a briefing on the Branch's project to support collection of Bloc topographic maps. ACIC support of the project, by a statement of ACIC priority and need for coverage of the European Satellites, was discussed. Mr. Johnson agreed to supply copies of ACIC evaluation of new maps which have been collected.
- d. visited NSA to discuss its need, use, and priority for topographic maps of the Sino-Soviet Bloc.

### S-E-C-R-E-T NOFORN

SUBJECT: GRA Activity Report for the Month of January 1961

### D. Problems

the proposal.

- 1. The major problem facing the Cartography Division is that of workload. At present, insufficient man-hours are available to complete in the time limits requested work coming into the Division. Full advantage of overtime will be employed to help this situation.
- 2. Discussions leading to improving the scheduling of work out of the Reproduction Plants have been held with the Printing Services Division by the Cartography Division. Their workload, however, is of the same serious proportions as our own.

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3. Receipt of the finished

(which was not seen here in draft form), a check of a map of Lacs being
done by D/GC for and evidence of a configuration of the propriety issuance of published
25X1A

intelligence under the CIA aegis (without, as far as is known, substantive 25X1A

review by any DD/I element) is still an unresolved one.

will
take the matter up again with after an evaluation of the 25X1A

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4. On 30 January, conferred with manpower problems that would be created by an Air Force proposal to increase its Chapter IX contribution to some 20 units per year. This increase over the present standard of 8 units per year will place a workload on the Coordination Staff that the Division is not presently equipped to absorb. Indicated a belief that the CIA 25X1A could not on principle stand in the way of increased production by NIS contributors and that the Air Force proposal, when formally presented, would have to be accepted. In theory, about 2800 extra manhours are involved; however, the smaller coordination requirements of the added units may drop the figure to 1200-1500 manhours, 75% of it professional. A more detailed evaluation will have to swait specific presentation of

5. The problem of delineation of responsibilities within ORR was reopened when it was learned that S/TR had been asked to present a briefing on land transportation in Indonesia to an ICA official bound for 25X1A that area. GG/F learned of this development when an S/TR analyst came to borrow materials from GG/F files in order to prepare for the briefing. We were able to get an "invitation" for to "accompany" the S/TR briefers making the presentation. The scheduled briefing was postponed

### S-E-C-R-E-T NOFORN

SUBJECT: GRA Activity Report for the Month of January 1961

by snow, but presumably will be rescheduled. The problem, however, remains: Is not ORR's work on non-Bloc areas (except for work on the Sino-Soviet economic penetration effort) centered in the GRA? Should not a request of the type indicated, upon being received in ORR, be assigned to GRA for action?

6. The NIS Committee has still taken no formal action or the proposed FY 1962 schedule, although the time element is such that all contributors have been required to initiate work on one or more of the NIS Areas appearing on the schedule.

# E. Miscellaneous

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Relations have expressed appreciation for the Manchuris-USSR Boundary study (GP 61-1:L). indicated that its receipt was most timely in that it would enable the DAD/NE to take a copy

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2. Arrangements were made by the Special Collection Support Branch with Graphics Register for the showing of a film on topographic mapping by photogrammetric methods. The showing was attended by all personnel in the Special Collection Support Branch and some of the personnel in other the Special Collection Support Branch and some of the personnel in other the Special Collection Support Branch and some of the personnel in other the Special Collection Support Branch and some of the personnel in other in connection with the Branch's needs will be shown from time to time.

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of the 1:25,000 topographic map series were collected by the DD/P. Only two of the sheets represent new coverage. This success the first breakthrough in the collection of topographic maps by CIA.

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training new AMS and SAC personnel assigned to the Special Collection Support Branch.

AMS and SAC personnel assigned to the Special Collection Support Branch.

AMS, has been assigned to full-time duty.

are on detail from AMS two days a week. Sgt. Krung-

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levich, SAC, has been assigned to full-time duty.

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Distribution:

1 - AD/RR 1 - Ch/E

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Assistant Director. ORF

31 January 1961

Chief, Geographic Research

Comments on Draft Regulation 51-750, Public Dissemination

- l. Unless there is some compelling reason for keeping the policy statement very general (e.g., "...judged to be in the national interest"), I would suggest the incorporation of some rationale for the dissemination of reports to the public which would serve to limit distribution. In the past, we have used reasons such as "Aid to research", "Development of personal research capabilities beyond the level normally found in universities", and "The development of a resevoir of personnel whose training would be aided by the availability of a body of information normally denied to them". Such a statement, cast in policy format could be properly inserted after the first sentence under "Folicy" on page 2.
- 2. It also seems imperative that some restrictions be built into the policy statement more closely governing the distribution of reports and maps in order to protect us from a deluge of requests and unwarranted distribution. Perhaps some set of criteria which would have to be met by persons or organizations receiving the unclassified distribution should be established and worked into the policy statement.
- 3. Under Section 3, "Responsibilities", nothing is said about the responsibility for actual distribution of reports and maps. Will the Office originating the report or map, having met all of the stipulated coordination clearances, carry out the actual distribution? Does the Office of Operations, Contact Division become involved?
- that producers of intelligence and intelligence information shall bear in mind during the course of preparation of papers. All of this leads to an ease of handling these papers for public dissemination. I feel that some statement should be worked into this section which cautions that the composition of papers to meet primary intelligence aims and objectives should not be subordinated, altered, or made difficult to use just to accommodate possible future public dissemination. Simply, this is a matter of letting analysts know that we are not changing our objectives for the production of intelligence.

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## SUBJECT: Comments on Draft Regulation 51-750, Public Dissemination

5. There is nothing in the Regulation dealing with the cost of reproduction for public dissemination or the sale to the public to recover some of the cost of preparation. In many cases, it would be possible to charge a nominal fee for maps and perhaps some reports which would overcome any loss of funds to the Agency.

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Distribution:

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STATINTL

30 January 1951



STATINTL

### I was delighted to receive the recent publication written

STATINTL

This study will be made available to other interested components in the Agency, and I am quite sure they will find it of considerable use in their work.

We are currently considering an external research project which would involve social-anthropological studies of parts of Africa, principally new countries and potentially explosive areas. Topics for intensive investigation including field study are as follows:

### 1. Characteristics of the population

- n. Composition
- h. Distribution
- c. Structure
- @. Customs and attitudes
- e. Influence of physical environmental factors
- T. Significance of present trends

### 2. Organizations

- ss. Structure
- b. Platform
- c. Weture of membership
- d. Requirements for leadership
- e. Relationship to political control
- T. Cohesive strength

#### 3. Personalities

a. Background

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STATINTL

have a current capability for conducting an investigation of this type, or do you foresee the possibility within the near future of developing such a capability which would permit our consideration of having your organization undertake such work?

Sincerely yours,

STATINTL

Chief, Geographic Research

Distribution:

Original -- Addressee

1 -- D/GG;GG/N

2 -- Ch/G

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This document is part of an integrated the. It separated from the tile it seed be authorized by individual symbotistic review.

D-R-A-F-T JAB: jmc 27 January 1961



STATINTL

It is gratifying to hear that the list of unclassified reports and the two items sent to you have been of value. We are making an attempt to put as much of our unclassified material in the hands of researchers and responsible students as possible to enable them to carry out their work more effectively on the Sino-Soviet Bloc.

I am familiar with the "Grientation Maps of the USSR", which are currently being revised. On this item, however, copies will not be made available for quantity distribution through the GPO or any other source. I will see that you receive copies for your own use when they become available, probably in six months or so.

The study, "Copper in the Seven Year Plan", is the only one of this type being distributed. There are no other maps similar to the map in this study available for distribution. In the event that an unclassified study on aluminium or some of the other non-ferrous metals become available, you will be informed of their publication.

We have often considered publishing a small atlas of the USSR including the maps you referred to plus many others. At the present time, we have neither the manpower nor a sufficient demand for the product to warrant the tremendous expenditure of time that would be required. Consequently, although we share your enthusiasm for such an atlas, we do not anticipate its publication in the foreseeable future.

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A copy of "Civil Consumption of Petroleum Products in the USSR, 1953-1957", issued in March of 1960 will be sent to you soon.

Other activities planned for last summer superseded any fleeting thoughts that I once had about going to Stockholm. Perhaps though attendance at international meetings is about the only way to see any old friends who are all too busy with their jobs while at home.

STATINTL

Your report about the tour did not surprise

us. We are quite familiar with as a means for

drawing the curtain on places that cannot be seen.

STATINTL

It is nice to hear from you and gratifying to know that the materials furnished are of value.

Sincerely.

Otto E. Guthe

# SIGNET

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SA/RR

27 January 1961

Chief/G

GRA Contributions to DD/I Newsletter for the Month of January 1961

The following items are suggested for inclusion in the DD/I Newsletter for January 1961:

25X1A

Distribution:

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MINUTES OF THE GEOGRAPHIC RESEARCH AREA STAFF MEETING, 27 JANUARY 1961 25X1A PRESENT: 1. Report on Svalbard 25X1A the draft of a report on Svalbard (OBI), and asked that D/GG look which was written by 25X1A it over and submit comments or suggestions on it to him. 25X1A Map Support for Watch Office 2. OCI Watch Office, has asked that a system be set up 25X1A to provide map support to the Watch Office during off-duty hours. This was discussed and it was suggested that we could stock several map cases with maps and place these cases where the Watch Office can have access 25X1A feels they should definitely be placed in GRA space, will discuss this further perhaps right in Chief/G's office. 25X1A with 25X1A Bibliography 3. 25X1A 25X1A a bibliography of projects passed on to This bibliography being worked on 25X1A who met with was sent by earlier in January. 25X1A 25X1A 25X1A 4. Tour of New Building nvade reported on the tour he and 25X1A of the new building on Wednesday. GRA space seems satisfactory. National Photographic Intelligence Center 5. A new National Photographic Intelligence Center has just recently 25X1A been set up by Presidential Order. This NPIC will have Mr. Lundahl as its OCE, has been appointed.) chief, with a military man as deputy.

Assistant Director, ORR

26 January 1961

Chief, Geographic Research

GRA Personnel on Duty from 1:00 to 5:00 p.m., 26 January 1961

Division		Name	Extension
Map Library Division			3 <b>193</b> 3 <b>7</b> 93
Geography Division			4923, 3791
Cartography Division	25X1A		4650 4850

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# CONFRESION

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17 January 1961

MEMORANDUM FOR:

SA/PIC/RD

25X1A

SUBJECT:

GRAD Proposals on PI Keys

REFERENCE:

PIC/D-143/60, 29 December 1960, same subject

- L. Just after I received the several GRAD proposals on PI Keys, I had lunch with Dr. Leonard Wilson, Chief, Environmental Sciences Division, OCRD, and Mr. Robert Philippe, Chief, Military Sciences Division, OCE, and took the occasion to discuss their interest in the two proposals. Since both of these men are responsible for R&D in the Department of the Army, I thought I might get a fair indication of Army interest in having this kind of work done externally. Both of them thought the proposals had some merit but indicated they were not along the lines the Army is currently supporting as part of its work in photo interpretation. They are more concerned about specific analogues or details which would indicate the kind of equipment and supplies that should be furnished troops for operation in a given area.
- 2. Although we in GRA have an interest in seeing this kind of work done, we feel that we are not closely enough associated with the problems it purports to enswer to consider giving such projects our financial support. Many thanks for referring the proposals to me.

25X1A

Chief, Geographic Research Research and Reports

Enclosures:

GRAD Proposals

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St/A/RR

12 January 1960

Ch/G/RR

Map Library Division - Map Cataloger Position Reclassification

- l. A review of GS-7 Cataloger positions in the Cataloging and Indexing Section, Processing Branch, Map Library Division shows that the levels of difficulty and responsibility are equal to the GS-9 Cataloger positions in the OCR Library. It is requested that the Office of Personnel reclassify all Map Library Cataloger positions in Slot No. F-226 to GS-9.
- 2. It is proposed that the Map Library Cataloger positions under Slots No. F-226 and F-899 be revised in accord with the attached job description. There would then be but one category of Map Cataloger position.
- 3. The supervisory function presently placed in the F-899 position will be minimized and largely passed to the Assistant Chief of the Processing Branch, GS-11 (Slot No. F-898).

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Attachment: Job Description for

25X1A

Librarian, GS-9 (Cataloger)

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# LIBRARIAN, GS-9

# CATALOGER, CATALOGING AND INDEXING SECTION PROCESSING BRANCH, MAP LIBRARY DIVISION

Subject to IA Action

# I. JOB SUMMARY

Under the direction of the Chief, Cataloging and Indexing Section, incumbent serves as Librarian with responsibility for cataloging and indexing maps and books covering a major area of the world. The Cataloging and Indexing Section is responsible for cataloging and/or indexing according to established library procedures all maps and related documents deposited in the CIA Map Library. These consist of approximately 2700 maps and 460 documents monthly, 70% of which are in foreign languages.

# II. DUPLES AND RESPONSIBILITIES

As Librarian, incumbent discharges duties and responsibilities as follows:

A.— Analyzes for cataloging and classifying all maps acquired for the CIA Map Library, working largely in a foreign area and in a group of special subject fields (e.g., telecommunications, resources, agriculture). Maps thus analyzed frequently present complex problems requiring that the incumbent employ knowledge of research techniques and source materials as well as minimal language keys. Two map types are involved:

- 1. Single sheet maps of foreign areas-incumbent performs the following tasks: locates the exact area covered by the map, analyzes map content for subject, determines scale, establishes exact title or assigns an appropriate title, determines date of publication, determines publishing authority and establishes authority for entries, determines other pertinent information for notation.
- cataloging steps required for single sheet maps, and in addition establishes an index for the series. This involves preparing and maintaining both a visual index and listing sheets. If no printed index is available, a manuscript index must be designed on the basis of coordinates of each sheet. Detailed series often are composed of several hundred sheets to cover a single country; more general series of smaller scale include only 30 to 50 sheets to cover a designated area. Publishing authorities for individual sheets change as foreign government structures are re-organized, and it is not uncommon to find several editions of individual sheets. Recognition of these factors and many others is necessary in the proper analysis and indexing of map series for intelligence purposes.
  - B. Analyzes for cataloging and classifying all geographic and cartographic volumes acquired for the CIA Map Library. The process consists of three parts:

# 1. Descriptive Cataloging

Incumbent determines accurate notation for preparation of catalog cards, establishing authors and/or issuing authority (whether an individual or one or more corporate bodies), title, place and date of publication. This involves considerable search in bibliographic sources since authors' names can appear in various forms, government agencies and institutes are subject to administrative reorganization, and, in the case of serials, author, title or numbering sequence may change in the middle of the series. Following standard library usage, describes book as to pagination, illustrations, charts and plans, and, if it is a serial, holdings of the library.

# 2. Subject Cataloging

Incumbent determines subject and area content for assignment of subject number according to the Special Subject Code used in the CIA Map Library.

## 3. Classification

number from the Special Subject Code and Area Breakdown. In addition, assigns a Cutter number for the name of the author. These Codes become the library call number of the publication, its loan record, and the key to its shelf location among other similar subjects.

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C. Analyzes intelligence documents containing maps to be cataloged, giving complete and accurate references including legends, assigned title and cross-references between map and report.

- D. Analyzes documents (monographs, serials, intelligence reports, etc.) obtained from other libraries for Union Catalog treatment of maps, accomplishing all functions of cataloging except assigning the book number. Follows through with complete cross-reference between the maps cataloged and the title and location of the items handled.
  - E. Performs research to determine approved spellings of cities. This necessitates the preparation of place name cards to record the results of research together with a notation of the sources utilized.

# III. JOB CONTROLS

# A. Supervisory

Immediate supervision is exercised by the Chief of the Section, responsive in turn to general direction by the Chief of the Branch. The work is reviewed primarily for standardization. Incumbent receives technical guidance only in the case of unusual or difficult problems or situations without precedent.

# B. Regulatory

General policy is set by decisions of the Chief, Map Library Division conforming to Agency requirements. Procedures conform to the rules on library standardization established by the American Library Association and Library of Congress.

11 January 1961

MEMORANDUM FOR: Assistant Director for Basic Intelligence

THROUGH:

Assistant Director for Research and Reports

SUBJECT:

MIS Chapter I - Increased Production Schedule

- 1. During the past several months, the NIS Committee has discussed plans for increasing the number of Chapters I per year from 3 to 12.
- 2. When the Chief, Cartography Disision, became aware of this proposal, he informally notified his limison in OBI that under the present staffing pattern D/GC would not be able to increase its Chapters I production by 50%.
- 3. At the 20 December 1960 NIS Committee Meeting (No. 325) apparently it was agreed to increase the production from  $\theta$  to 12 (item  $\theta$ 7).
- 4. The Cartography Division is hard pressed to meet present MTS and other commitments. An increase in Chapters I production can be accomplished only by authorized denial of cartographic support to other components. Under present commitments, D/GC will not be able to support this increase.

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Chief, Geographic Research Research and Reports

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6 January 1961

Chief, Geographic Research

GRA Contribution to the 1960 Budget Briefing Paper

REFERENCE: Your Memorandum of 6 December 1960, Subject: 1960 Budget Briefing Paper

- 1. Attached is the Geographic Research Area's contribution to the 1960 Budget Briefing Paper.
  - 2. This contribution is submitted in three parts, as follows:
    - a. Section pertaining to GRA responsibilities.
    - b. Information for Tab B, Statistical Summary.
    - c. Information for Tab D, Highlight Statements.

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Enclosures: 3 (as listed above)

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### Geographic Research Area Contribution to

OFFICE OF RESEARCH AND REPORTS
BRIEFING PAPER
1960

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### Geographic Intelligence

We maintain within our Office of Research and Reports a group of competent geographic analysts who provide research and technical support to all parts of the intelligence community and contribute substantially to the National Intelligence Survey Program.

A major part of the work of the geographic group, mostly in the form of geographic intelligence reports and maps, is undertaken in direct support of operations planning and field activities, either of the Agency or the Armed Services. On the accuracy of this effort may depend the success of vital operational missions and the lives of individuals put into hostile territory to accomplish them. Air Force crew members have been briefed, preparatory to special missions, using the geographic reports prepared by this Office on how to evade or escape should USAF planes crash land behind enemy lines. Similar reports are prepared in support of covert limited warfare and clandestine collection programs, incorporating intelligence on a wide variety of environmental factors including analyses of minority groups, border sones, strategic regions, routes of clandestine movement, target installations, and closely allied topics.

Geographic intelligence research has also been directed toward aiding the high-level analysis of factors involved in foreign political

crises affecting security interests of the United States. For example, during the past year briefing studies were prepared on the Belgian Congo, South Vietnam, and the Shatt-al-Arab controversy between Iran and Iraq. Other more detailed studies have contributed to the surveillance of USSR progress in nuclear energy, guided missiles, and biological warfare, and to the evaluation of Chinese Communist development of similar capabilities. We devote increasing attention to geographic factors such as ethnic minorities and territorial disputes that may accentuate antagonisms between the USSR and Communist China. These factors are also kept under constant review as they apply to other world trouble spots.

Since the inception of the National Intelligence Surveys Program, the geographic group has provided substantial and continuing intelligence and cartographic support to this important intelligence activity. Research of a similarly basic nature has been directed at problems in the fields of and Sino-Soviet Bloc utilization of geographers in military and economic programs. We attempt to give the widest possible dissemination to the results of this research, and most recently have distributed to the academic community as well as to other government agencies our very detailed administrative atlases of Communist China and the UESR. In support of the general need for exchange of data and ideas on areas of developing significance, our geographers have initiated very effective intelligence discussion groups on Africa (inter-Agency), Southeast Asia, and the Soviet Arctic.

25X1B

During the past year, a number of geographic intelligence reports and briefings were prepared on UESR operations in Antarctica and the Soviet Arctic, for use in assessing the significance of Soviet achievements and long-range intentions as they may affect United States interests in the Polar regions. In this work, we are closely supporting the Operations Coordinating Board through its Working Group on Antarctica. Support is also being given to the Department of State and the CCB relative to the implementation of the provisions of the Antarctica Treaty. One outgrowth of this support has been the development of plans for the first systematic U.S. mapping program in Antarctica. In association with the Office of Scientific Intelligence and the Armed Services, we are analysing Soviet geodetic activities as conducted within the USSR and abroad. By these analyses, the community is better able to evaluate Soviet progress in geodetic positioning for long-range targeting purposes.

Experience has shown that one of the most effective ways of presenting intelligence is to make extensive use of specially constructed maps. The Cartography Division within the Office plans and prepares these intelligence maps for inclusion in CIA reports, National Intelligence Estimates, National Intelligence Surveys, for covert planning and operations, and for many other purposes including all cartographic requirements from the Department of State.

An extensive map library and map reference facility is also maintained for use by all authorized government officials. Its specialized

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collection of foreign maps is kept current through a coordinated and highly effective inter-agency map procurement program that reflects the requirements of the several government agencies having need for foreign maps and minimizes the possibility of duplicative collection efforts.

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# Geographic Research Area Contribution to

## Tab B

Statistical Summary of ORR Production and Related Activities, Including Coordinated EIC Reports and Surveys 1 January - 31 December 1960

TABLE 1

## Reports Completed

	Category		Total
Geographic	GIE GR GR Limited GM GP GRA(SC)	1 4 3* 4 99	<u>112</u>
NIS Sections	CRA	30	<u>30</u>
Contributions to NIS Annuals	(ERA	10	<u>10</u>

<sup>\*1</sup> report in 17 parts and 1 report in 6 parts.

### TABLE 2

Maps and Chart	s Completed
Maps	1,533
Charts	345
TOTAL	1,878

PABLE 3

## Projects in Progress

	Geographic	
In Reproduction	14	
In Editorial Review	5	
In Preparation for Reproduction	2	
Projects Scheduled: Research in Progress Research Pending	3 <b>8*</b> <u>9<b>5</b></u>	144
*1 report in 10 parts.	Antique - Control of the state	<del>1,0 7 1, 122 1</del> , 142 1, 1

TABLE 4

# Maps and Charts in Progress

	Maps	Charts
In Reproduction	67	6
In Proof	80	28
In Progress	192	_55
TOTALS	339	89

## TABLE 5

# Map Library Activities

Requests for Maps and Related Items	24,086
Items Furnished	406,279
Maps Procured for U.S. Agencies from Foreign Services	63 <b>,0</b> 95
Maps Retained in CIA	20,956

Geographic Research Area Contribution to

Tab D Highlight Statements

### Cartographic Support of Clandestine Operations

During 1960, covert operational requirements of the clandestine services exacted an increased effort from the Cartography Division. Specialists in cartographic techniques assisted in field training operations to a greater degree than during 1959 by producing graphic training aids and maps uniquely designed to

Mamerous map requirements

involving the production of hundreds of items covering areas in the Far East and Latin America were called for during the year. Of particular note was the production of a comprehensive Electronic Atlas of Cuba produced under severe time demands.

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# Support of Collection of Sino-Soviet Bloc Topographic Maps and Geodetic Data

The collection of topographic maps and geodetic data on the

Bloc continues to enjoy a first priority status in CIA and the Departments of the Air Force and Army. In 1960, the first successes resulting from deliberate and planned collection actions were experienced by the Agency and the Army. The support efforts of ORR, in providing specialized guidance and operational leads to Headquarters and field collection personnel, has continued during 1960. We slackening of this effort is anticipated during 1961. Additional basic studies on Bloc mapping organizations and personnel have been provided in 1960; however, a greater amount of specific support has been rendered in response to actual field activities than previously. 88 8 result of leads provided by this program. The Army Map Service has provided manpower assistance during 1960 in support of this program; both AMS and Strategic Air Command will provide increased manpower support during 1961. This increase is a reflection of the interest of these agencies in achieving success in this collection. Many expressions of gratitude have been received from Agency, Army and Air

25X1C

collection units for the timely and high quality material presented

to them in support of their field activities.

#### Production of a Detailed Reilroad Map of the USSR

The rapid expansion of Soviet railroads necessitated the updating and re-issuance during 1960 of a detailed railroad map on the Soviet Union originally prepared in 1958. The map is designed to summarize current knowledge on the status of Soviet rail trackage, gauge, construction, and electrification. Since

25X1B

the map is widely utilized as a basic reference not only by the

25X1C

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### Administrative Atlases of the USSR and Communist China

Knowledge of the internal administrative structure of Communist nations is essential to the continuing intelligence surveillance of developments within those nations. In order to provide such information in systematic and readily usable form, ORR has produced and disseminated detailed administrative atlases of the UESR and Communist China to official government recipients. Because of the obvious benefits of stimulating and facilitating scademic and non-government institutional research on these nations, copies of these unclassified atlases were also disseminated to a selected list of non-government recipients and, in the case of the China atlas, placed on public sale through the Department of Commerce.

### Geographic Intelligence Analyses in Response to Critical Asian Situations

During 1960, CER produced a number of geographic intelligence analyses designed to clarify the issues involved in various critical Asian international situations. Areas and topics included South Vietnam, the Iraq-Iran border, and the "Overseas Chinese" of Southeast Asia. In these studies, detailed textual and map information on such factors as terrain, transportation, ethnic groups, and political boundaries was compiled and disseminated on a priority basis to high-level planning, estimating, and policymaking officials. We are currently preparing a re-run of our similar 1959 study on Laos. In connection with the planning

25X1C

we are continuing to provide

substantial assistance in the form of detailed geographic analyses of specific operational areas.

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### Geographic Intelligence Support on Africa

The involvement of US security interests in Africa South of the	
Sahara has stimulated increased need for geographic intelligence	
support on that region. 25X1	С
series of projects has been initiated which provides background data	
for use by neadquarters action 5.000	X1C
At the same time, geographic studies of a broader scope are being	
produced on important areas such as the Republic of the Congo and the	
Federation of Rhodesia and Myasaland to assist higher-level planners	
and estimators in their task of evaluating trends and events of key	
significance.	





### Research on the Kurds

	Tensions and conflicts in the Middle East have emphasized
25X1C	Murdish tribes resident in
•	adjoining parts of Iran, Iraq, Syria, Turkey and USSR. ORR
	continues to develop a comprehensive file of information on the
	Kurds for headquarters and field use, and has most recently completed
	a background report as well as file of 2,000 cross-indexed cards
	on Kurdish personalities and inter-tribal relationships to provide
25X1C	basic data

25X1C

#### Latin America

The rapidly deteriorating political situation in various areas
in Latin America has caused a major increase in requirements for
geographical research on that 25X1C
region. Over 300 large scale map sheets on Cuba have been made
available in quantity on an urgent basis; in addition, seventeen
studies have been prepared on Cuba and several
more are currently in work on the Research 25X1C
must be based primarily on collations from aerial photography and
fugitive sources due to the paucity of accurate maps and environmental
data for all areas in Latin America.

### SECRET

## Soviet Activities in the Antarctic

During 1960 a variety of geographic intelligence reports on Soviet long-range intentions and developing activities in the Antarctic were prepared for the Mational Security Council, the Operations Coordinsting Board and the Department of State. In addition, briefings on Soviet activities and possible hostile uses of Anterctica by the USSR were given to the Chief of Mayal Operations; the Commander of the North American Air Defense Command; the USAY Assistant Chief of Staff for Intelligence; the Commandant, Air Force Intelligence Center; the Commander, US Support Forces in Antarctics; and the Director, Antarctic Research, Mational Science Foundation. Intelligence support is also being provided to planning officials of the JCS, the Department of Defense, and the Department of State for the definition of U.S. objectives and plans for the implementation of the inspection provisions of the Antarctic Treaty. Coordinated planning with the Office of Maval Intelligence is underway for increased surveillance of the Soviet activities to identify developing facilities that might become usable for hostile purposes.

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#### Intelligence Support on International Boundary Problems

Significant effort was devoted during the year to research and intelligence analysis of international boundaries among Sino-Soviet Bloc nations and between Bloc and Free World nations. A part of this activity was the normal continuation of our work in support of the Boundary Inventory File being assembled by the Bepartment of State to supply information on the location and legal basis of national boundaries and the nature of international disputes relating to each. A major new aspect of this research effort involves its direction toward specific actual or potential boundary disagreements susceptible to propaganda exploitation. This work is in support of the clandestine services and the special Task Force on Sino-Soviet Relations.

# Location of Missile-Related Activity in the European Satellites

We are utilizing geographic research techniques in determining possible launching sites, missiles and missile fuels in transport, storage areas, restricted areas, fuel manufacturing sites, military units, and other factors related to missile deployment in the European Satellites. Data are plotted on map overlays, with particular emphasis given to the location of SAM and IRBM activities. Attention to date has centered on East Germany, with work also underway or completed on Bulgaria, Poland, Hungary, Czechoslovakia, and Rumania.

#### Geodetic Aspects of Guided-Missiles Intelligence

A number of activities relating to geodetic studies in support of guided-missiles intelligence utilize our geographic research capabilities. In support of national estimates of Soviet military 25X1B capabilities, we maintain a careful surveillance and evaluation of Soviet progress in geodesy and gravimetry as related to guided missile deployment and target positioning.

25X1B

Intelligence contri-

butions to the Department of Commerce on the strategic significance of gravity data have been used in a US proposal to place gravimeters under international trade controls.